PIONEER®
The Art of Entertainment

Service Manual

● KE-2700SDK

ORDER NO.
CRT1325

CASSETTE CAR STEREO WITH FM/MW ELECTRONIC TUNER

KE-2700SDK WG
KE-2700B IT
KE-1700SDK WG
KE-1700B IT

CASSETTE CAR STEREO WITH FM/MW/LW ELECTRONIC TUNER

KE-2730B EW
KE-1730B EW

Note:
- **See the separate manual CX-197(CRT1328) for the cassette mechanism description.**

CONTENTS

PIONEER ELECTRONIC CORPORATION 4-1, Meguro 1-Chome, Meguro-ku, Tokyo 153, Japan
PIONEER ELECTRONICS SERVICE INC. P.O. Box 1760, Long Beach, California 90801 U.S.A.
PIONEER ELECTRONICS OF CANADA, INC. 505 Cochrane Drive, Markham, Ontario L3R 8E3 Canada
PIONEER ELECTRONIC [EUROPE] N.V. Keetberglaan 1, 2740 Beveren, Belgium
PIONEER ELECTRONICS AUSTRALIA PTY. LTD. 178-184 Boundary Road, Braeside, Victoria 3195, Australia TEL: [03] 580-9911

FK DEC. 1990 Prrinted in Japan

SAFETY INFORMATION

WARNING!

Lithium batteries. Danger of explosion. Replacement must be done by qualified personnel and only by following the instructions given in the service manual.

This warning is stated on the product or in the operating instructions. When replacing the lithium batteries, follow the note below.
Dispose of the used battery promptly. Keep away from children. Do not disassemble and do not dispose of in fire.
The battery used in this device may present a fire or chemical hazard if mistreated. Do not recharge, disassemble, heat above 100°C or incinerate. Replace only with the same Part Number. Use of another battery may present a risk of fire or explosion.

Note: The lithium battery installation position is shown in the exploded view and the P.C. board pattern.

ADVARSEL!

Lithiumbatteri — Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Levér det brugte batteri tilbage til leverandøren.

Denne advarsel or angivet på produktet eller i brugsvejledningen. Ved udskiftning af lithium batterierne følges nedenstående anveisning.
Batterierne må kun udskiftes med batterier af samme type og mærke.

VARNING

Explosionsfara vid felaktigt batteribyte. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion.

Denna varning finns på apparaten eller i bruksanvisningen. Följ nedanstående anvisningar vid byte av litiumbatterier.
Batterierna får endast bytas ut mot litiumbatterier av samma typ och fabrikat.

1. SPECIFICATIONS

General

Power source ..... 14.4 V DC (10.8 — 15.6 V allowable)
Grounding system ..... Negative type
Max. current consumption
(KE-2700SDK, KE-2730B, KE-2700B) ..... 2.5 A
(KE-1700SDK, KE-1730B, KE-1700B) ..... 1.8 A
Dimensions (chassis) ..... 180(W) × 50(H) × 141(D) mm
(front face) ..... 188(W) × 58(H) × 16(D) mm
Weight ..... 1.3 kg

Amplifier

Maximum power output
(KE-2700SDK, KE-2730B, KE-2700B) .... 8.5 W × 2/7 W × 4 (EIAJ)
(KE-1700SDK, KE-1730B, KE-1700B) ..... 8.5 W × 2 (EIAJ)
Continuous power output
(KE-2700SDK, KE-2730B, KE-2700B) ..... 4.5 W × 2/3.5 W × 4 (1% dist. at 1 kHz)
(KE-1700SDK, KE-1730B, KE-1700B) ..... 4.5 W × 2 (1% dist. at 1 kHz)
Load impedance
(KE-2700SDK, KE-2730B, KE-2700B) ..... 4 Ω (4 — 8 Ω allowable)
(KE-1700SDK, KE-1730B, KE-1700B) ..... 4 Ω (2 — 8 Ω allowable)
Tone controls (KE-2700SDK, KE-2730B, KE-2700B)
(bass) ..... ±10 dB (100 Hz)
(treble) ..... ±10 dB (10 kHz)
Loudness contour ..... +8 dB (100 Hz), +4 dB (10 kHz) (volume: −30 dB)

Tape player

Tape ..... Compact cassette tape (C-30 — C-90)
Tape speed ..... 4.76 cm/sec. (+0.14 cm/sec., −0.05 cm/sec.)
Fast forward/rewind time ..... Approx. 100 sec. for C-60
Wow & flutter ..... 0.13% (WRMS)
Frequency response ..... 50 — 14,000 Hz (±3 dB)
Stereo separation ..... 45 dB
Signal-to-noise ratio ..... 52 dB (IEC-A network)

FM tuner

Frequency range ..... 87.5 — 108 MHz
Usable sensitivity ..... 11 dBf (1.0 μV/75 Ω, mono, S/N: 30 dB)
50 dB quieting sensitivity ..... 16 dBf (1.7 μV/75 Ω, mono)
Signal-to-noise ratio ..... 70 dB (IEC-A network)
Distortion ..... 0.3% (at 65 dBf, 1 kHz, stereo)
Frequency response ..... 30 — 15,000 Hz (±3 dB)
Stereo separation ..... 40 dB (at 65 dBf, 1 kHz)

MW tuner

Frequency range ..... 531 — 1,602 kHz
Usable sensitivity ..... 18 μV (25 dB) (S/N: 20 dB)
Selectivity ..... 50 dB (±9 kHz)

LW tuner (KE-2730B, KE-1730B)

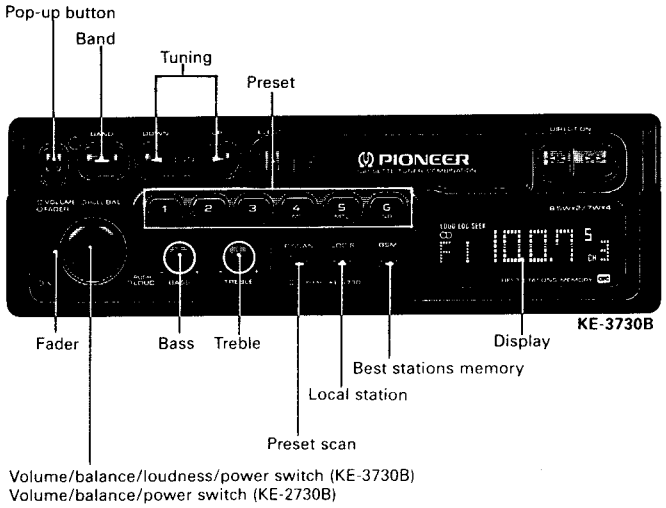
Frequency range ..... 153 — 281 kHz
Usable sensitivity ..... 30 μV (30 dB) (S/N: 20 dB)
Selectivity ..... 50 dB (±9 kHz)

Note:

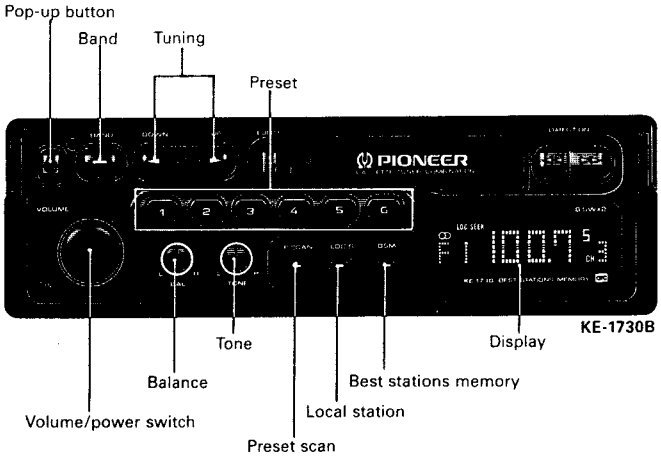
Specifications and the design are subject to possible modification without notice due to improvements.

2. USING THE RADIO

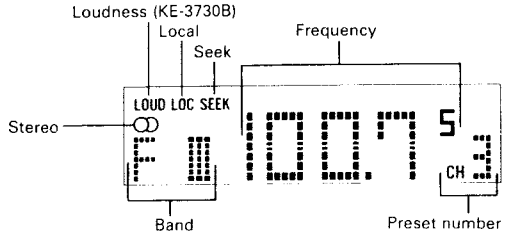
KE-3730B, KE-2730B



KE-1730B



KE-3730B, KE-2730B, KE-1730B



• Before attempting operation...

- Set the fader control to the left horizontal. (KE-2730B)

1. Turning the power switch to the right causes power to switch ON and the current frequency to appear on the display.

- Since the set is designed preferentially for tape play, eject a cassette tape, if mounted, before operating the radio.

2. Press the band switch to select the band.

- Switching between FM and MW/LW is controlled by the band switch. Switching between LW and MW is accomplished using the tuning button. The MW band is from 531 kHz to 1,602 kHz, and the LW band is from 153 kHz to 281 kHz.

3. Press both ends of tuning button and the seek tuning indicator will appear on the display.
4. Press either the left or right side of the tuning button to tune in the desired frequency. (Pressing the right side will increase the frequency.)

KE-2730B

5. Adjust the volume and balance. To adjust the balance, first pull the knob until a click is heard. After setting to the desired level, push the knob in again to its original position.

KE-1730B

5. Adjust the volume and balance.
6. Adjust the tone.

• To enter a frequency into the preset memory...

7. Hold down one of the preset buttons (1-6) for approximately two seconds. The frequency is stored in memory (assigned to the preset button pressed) once the preset number stops flashing on the display.
   Six FM1 frequencies, six FM2 frequencies, six FM3 frequencies and six MW and LW frequencies can be entered.

• Best Stations Memory Button

Automatically tunes strong frequencies and assigns them to preset buttons 1 through 6 for one-touch automatic tuning. The best stations memory function is activated by pressing this button for approximately 2 seconds. The best stations memory function is indicated by ——— flashing on the display, and this function can be canceled by pressing the band switch. The frequency display returns once the best stations memory function is complete. The frequency displayed at this time is of the strongest station assigned to preset button 1 by the best stations memory function.

- 6 best (strongest) frequencies are memorized in the 6 preset buttons in the order of their strength, the strongest one being assigned to preset button 1.
- The frequencies previously assigned to the preset buttons are retained when 6 frequencies cannot be located.
- The best stations memory is in operation while ——— is flashing on the display.

• Local Station Switch

Pressing this switch increases the seek threshold level so that only relatively strong stations can be tuned in (local indicator will illuminate on the display). Local seek threshold level can be selected among four levels for FM and two levels for MW and LW.
Holding this switch down for approximately 2 seconds and then pressing the right side of the tuning button changes the display from L-1, L-2, L-3 to L-4. Pressing the left side of the tuning button changes the display from L-4, L-3, L-2 to L-1 (L-1 and L-2 for MW/LW). The bigger the number, the higher the seek threshold becomes and only relatively strong stations can be tuned in.

● **Fader Control (KE-2730B)**

This control is used to adjust the balance between the front and rear speakers when using a 4-speaker system. Turning the control upwards decreases the volume of the rear speakers, while turning it downwards decreases the volume of the front speakers. With 2-speaker systems, set this control to a horizontal position.

Aconsiderable amount of sound will continue to be produced from speakers of a 4-speaker system which have been cut by setting the fader control either to the front speakers or rear speakers. This is normal and does not indicate malfunction.

● **Auto-Loudness (KE-2730B, KE-1730B)**

When playing back a tape or listening to the radio at low volume, the low and high tones are automatically emphasized.

Seek Tuning

Press both ends of tuning button and tuning to the next higher or lower broadcast on the band can be accomplished automatically by simply pressing either the right or left side of the tuning button. FM frequencies change in 50 kHz steps while those in the MW and LW bands change in 9 kHz steps.

Preset Scan Tuning

Pressing the preset scan button (CH indicator flashes) causes previously stored frequencies to be tuned in sequentially for eight seconds each. Press again when the desired frequency is tuned in to cancel preset scan tuning.

Preset Tuning

Pressing the preset button instantly tunes in the frequency programmed in the memory for that button.

Manual Tuning

When manual tuning is employed, FM frequencies change in 50 kHz steps, LW frequencies change in 1 kHz steps, and MW frequencies change in 9 kHz steps.

1. Press both ends of tuning button and the seek tuning indicator will disappear from the display.
2. Change the frequency by pressing either the left or right side of the tuning button. Pressing the button once will change the frequency one step (see above). Continuously depressing either side of the button will successively change the frequency at the prescribed step.

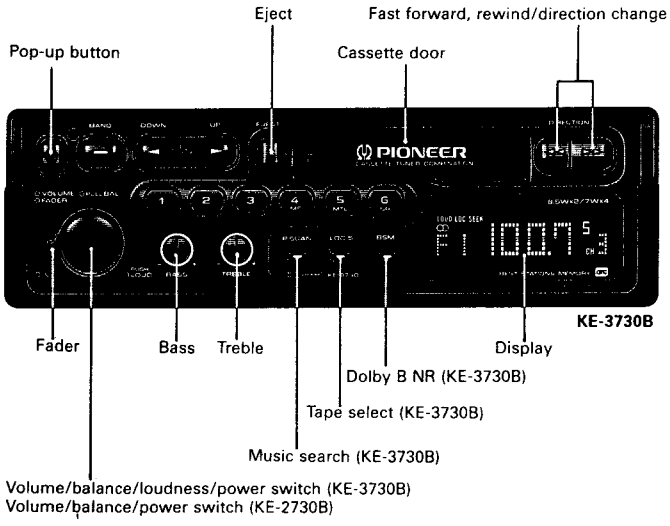
● **Pop-up button**

When the quickrelease handle is on the bottom, push the button to move it up slightly. Push it when you remove the unit from the dashboard.

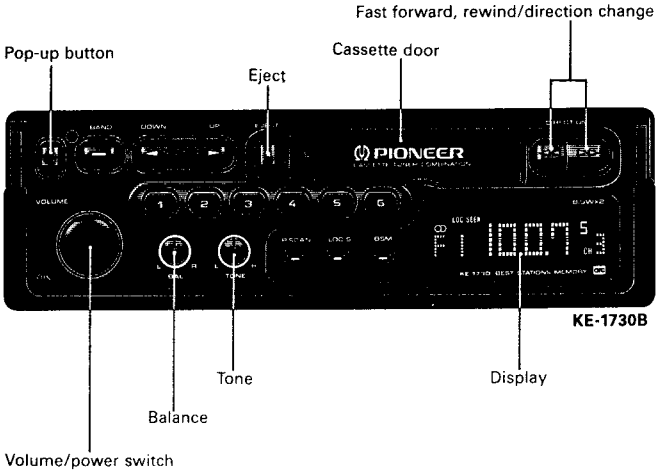
The button works only when the handle lock is released.

3. USING THE TAPE DECK

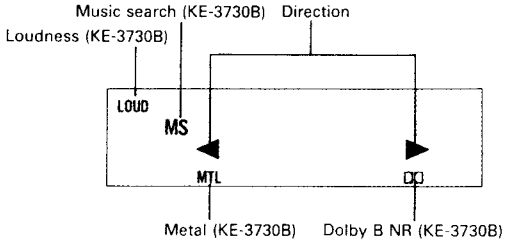
KE-3730B, KE-2730B



KE-1730B



KE-3730B, KE-2730B, KE-1730B



• Before attempting operation...

- Set the fader control to the left horizontal. (KE-2730B)

1. Turning the power switch to the right causes power to switch ON.
2. Loading a cassette tape into the load slot causes playback to begin automatically.

KE-2730B

3. Adjust the volume and balance. To adjust the balance, first pull the knob until a click is heard. After setting to the desired level, push the knob in again to its original position.

KE-1730B

3. Adjust the volume and balance.
4. Adjust the tone.
5. When tape playback reaches the end of the tape, playback will automatically switch from the side being played to the opposite side (ie. Side A to Side B or vice versa) (Auto-reverse). To eject the tape during playback, press the eject button.

- A loose or warped label on a cassette tape may interfece with the eject mechanism of the unit or cause the cassette to become jammed in the unit. Avoid using such tapes or remove such labels from the cassette before attempting use.
- Do not try to eject the cassette immediately after insertion, as it will cause malfunction. Wait a few seconds.
- Loose tapes should be rewound with the aid of a pencil and unevenly wound tapes rewound with the use of the fast forward function.
- Be sure to eject the tape when the vehicle's ignition is turned OFF. Leaving the tape in the unit can deform the pinch roller causing wow and flutter during tape playback.

• Fast Forward/Rewind

Since the transport can be in either direction, both the left and right high-speed tape transport buttons can be regarded as fast forward/rewind buttons.

For fast forward, press the high-speed tape transport button that corresponds to the direction that is shown by the direction indicator. When the end of the tape is reached, playback will automatically begin from the opposite side of the tape (Auto-reverse).

For rewind, press the button that is opposite that of the direction shown by the direction indicator. When the end of the tape is reached, playback will automatically begin from the beginning of the same side of the tape (Auto-replay).

Fast forward and rewind can be terminated by pressing the respective opposite high-speed tape transport button.

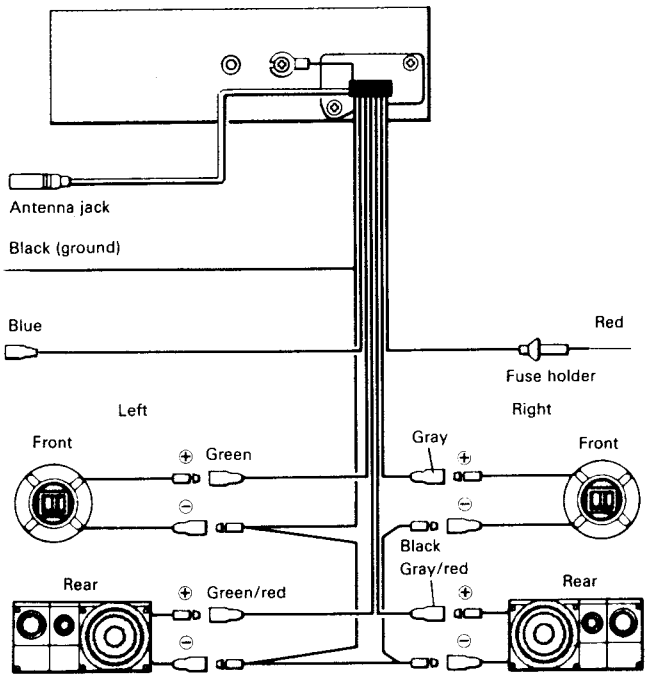
• Direction Change

Push the fast forward and rewind buttons together to switch from one side of the tape to the other (from Side A to Side B or vice versa).

4. CONNECTIONS

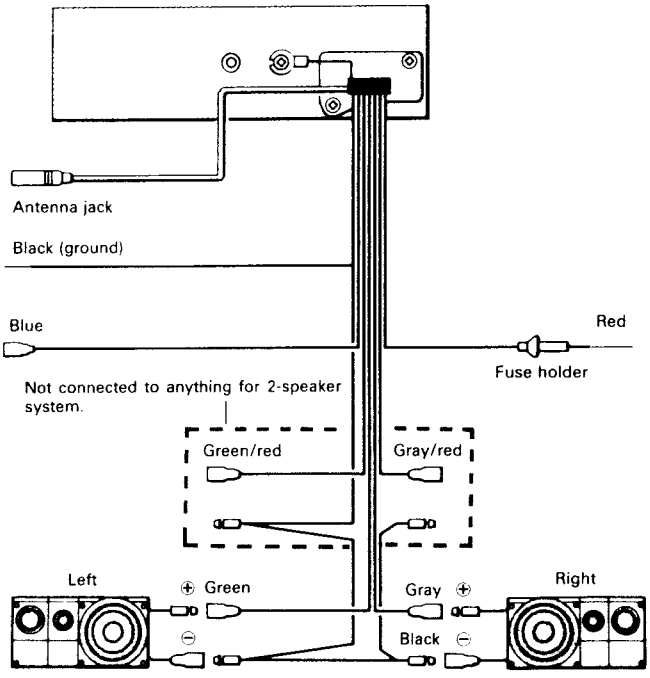
KE-2700SDK, KE-2730B, KE-2700B

4-speaker system

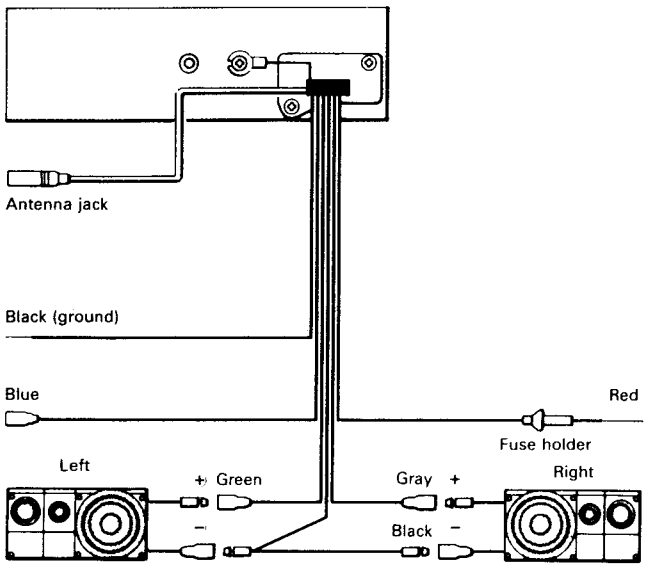


KE-2700SDK, KE-2730B, KE-2700B

2-speaker system



KE-1700SDK, KE-1730B, KE-1700B



Note:

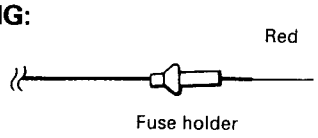
- To avoid shorts in the electrical system, be sure to disconnect the battery ⊖ cable before beginning installation.
- Replace the fuse only with the type stipulated on the fuse holder.
- Be sure to properly connect the color coded leads. Failure to do so can cause malfunctions.
- Cover unused terminals with tape to prevent electrical shorts.

Black (ground)	To vehicle (metal) body.
Blue	To auto-antenna power terminal (Max. 300 mA 12 V DC).
Red	To electric terminal controlled by ignition switch (12 V DC) ON/OFF.

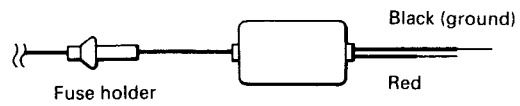
ERRATUM (KE-2700SDK,KE-1700SDK)

There is a mistake in the "Connections" section in the Owner's Manual. The red lead in the illustration should be changed as follows:

WRONG:



RIGHT:



Black (ground)	To vehicle (metal) body.
Red	To electric terminal controlled by ignition switch (12 V DC) ON/OFF.

• CAUTION

It is very dangerous to short the red and black leads together. Before connecting the leads, read the "Connections" section in the Owner's manual, and connect the leads carefully.

5. DISASSEMBLY

• Removing the Case

1. Insert and turn a screwdriver to remove the case.
2. Raise the case to remove.

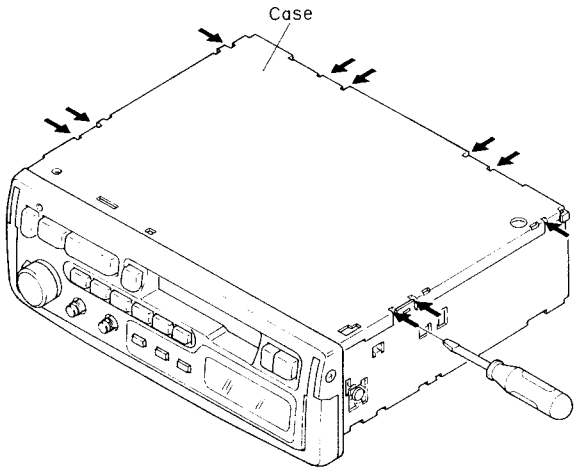


Fig. 1

• Removing the Handle

1. Remove the two screws, and then remove the handle.

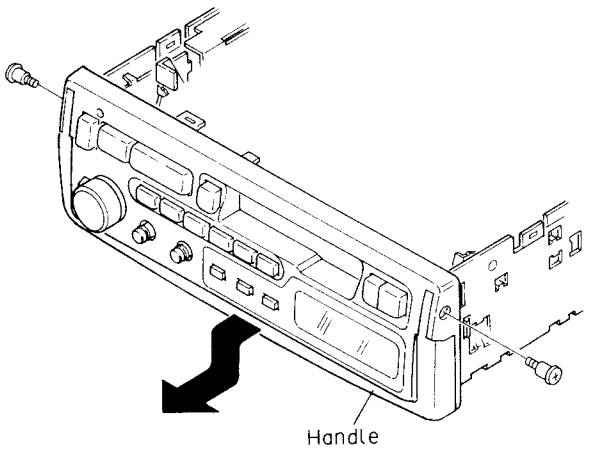


Fig. 2

• Removing the Grille Assy

1. Remove the two knobs.
   (KE-2700SDK, KE-2730B, KE-2700B)
2. Remove the knob.
   (KE-1700SDK, KE-1730B, KE-1700B)
3. Press the tabs at four locations, and then pull out the grille assy.

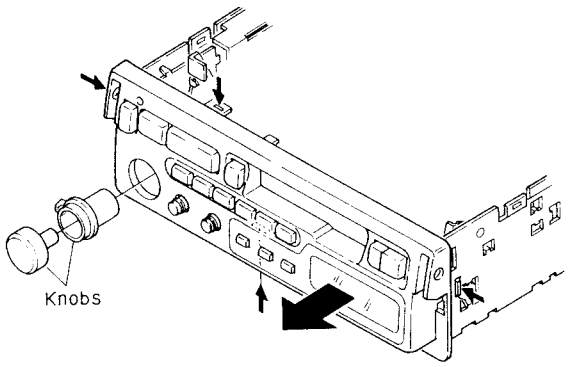


Fig. 3

• Removing the Cassette Mechanism Assy

1. Disconnect the connector.
2. Remove the four screws A and four screws B.
3. Remove the cassette mechanism assy.

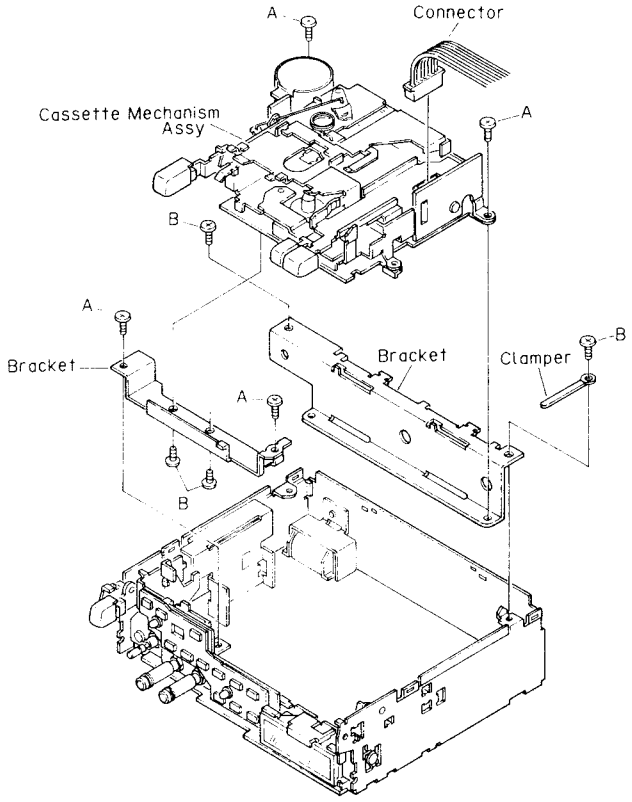


Fig. 4

- **Removing the SDK P.C. board (KE-2700SDK, KE-1700SDK)**

1. Pull out the SDK P.C. board.

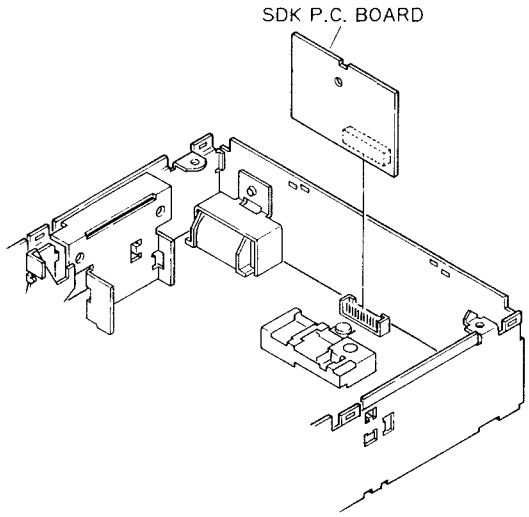


Fig. 5

- **Removing the Tuner Amp Unit**

1. Remove the four screws C.
2. Raise up on tuner amp unit to remove it from the chassis unit.

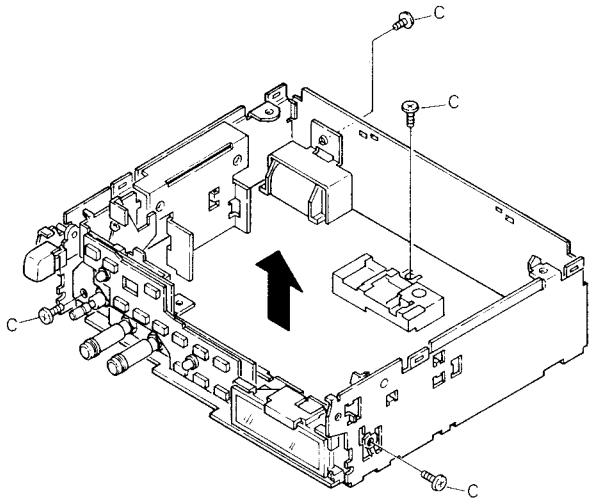


Fig. 6

6. BLOCK DIAGRAM

- **KE-2700B**

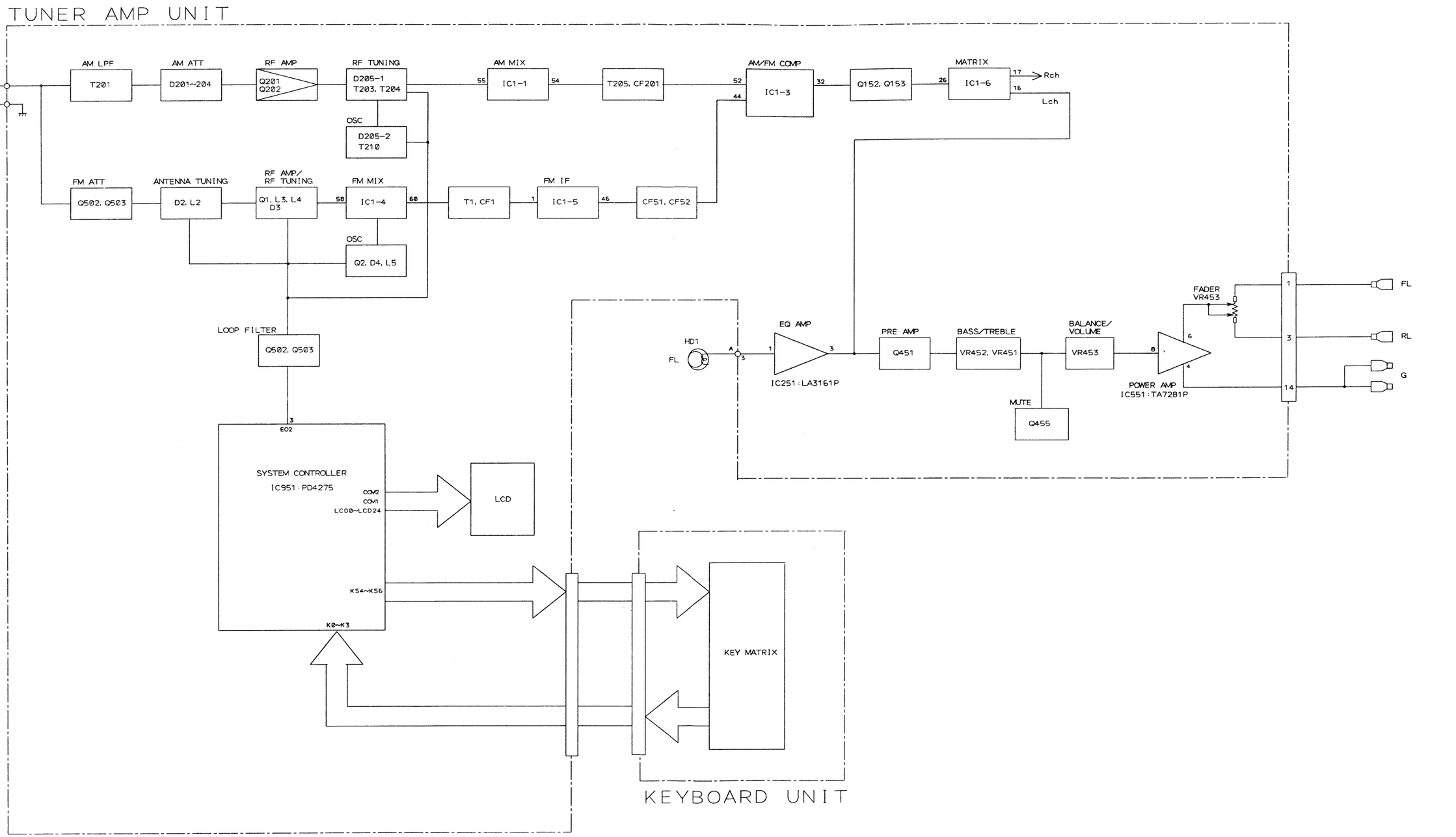


Fig. 7

7. ADJUSTMENT

- **Connection Diagram**

NOTICE:
Select C1 so that total capacity of 80pF is attained from the direction of the receiver jack.
Z: Output impedance of SSG.

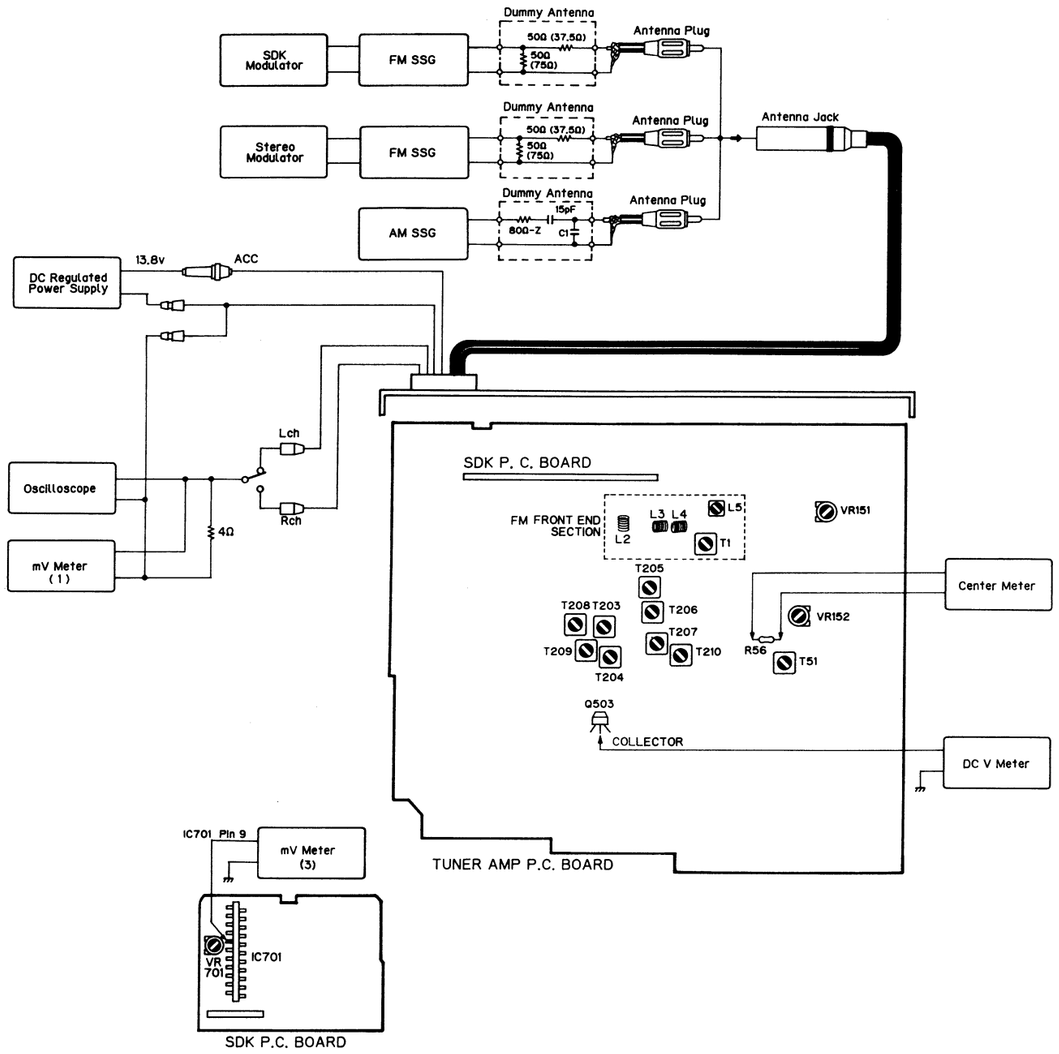


Fig. 8

FM ADJUSTMENT

※1 Stereo MOD.: Pilot=10%
※2 Stereo MOD.: 1kHz, L+R=90%, Pilot=10%

	No.	FM SSG (400Hz, 100%)		Displayed Frequency (MHz)	Adjusting Point	Adjustment Method (Switch Position)
		Frequency (MHz)	Level (dBf)			
Tuning Volt	1	—	—	108.0	L5	DC V Meter: 7.0V
Tracking	1	98.1	15	98.1	L2, L4	mV Meter (1): Maximum
	2	98.1	15	98.1	T1	mV Meter (1): Maximum
IF	1	98.1 Unmodulated	65	98.1	T51	Center Meter: 0
Pilot Cancel	1	98.1※1	65	98.1	VR151	mV Meter (1): Minimum (MPX Filter: OFF)
ARC	1	98.1※2	40	98.1	VR152	mV Meter (1): Separation 5dB

AM ADJUSTMENT
(KE-2700SDK, KE-2700B, KE-1700SDK, KE-1700B)

	No.	AM SSG (400Hz, 30%)		Displayed Frequency (kHz)	Adjusting Point	Adjustment Method (Switch Position)
		Frequency (kHz)	Level (dBμV)			
Tuning Volt	1	—	—	530	T210	DC V Meter: 1.0V
Tracking	1	1,000	20	1,000	T203, 204, 205, 206	mV Meter (1): Maximum

MW/LW ADJUSTMENT (KE-2730B, KE-1730B)

	No.	AM SSG (400Hz, 30%)		Displayed Frequency (kHz)	Adjusting Point	Adjustment Method (Switch Position)
		Frequency (kHz)	Level (dBμV)			
Tuning Volt	1	—	—	531	T210	DC V Meter: 1.0V
	2	—	—	153	T207	DC V Meter: 3.0V
Tracking	1	999	20	999	T203, 204, 205, 206	mV Meter (1): Maximum
	1	216	20	216	T208, 209	mV Meter (1): Maximum

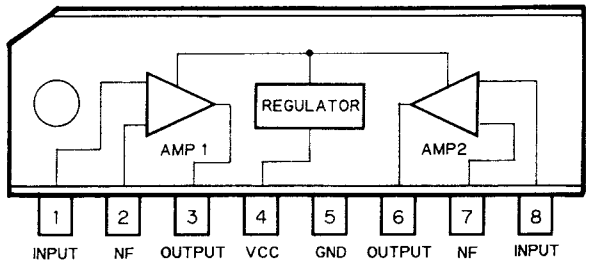
SDK ADJUSTMENT (KE-2700SDK, KE-1700SDK)

※3 : SDK MOD. : SK (57kH) = 5%

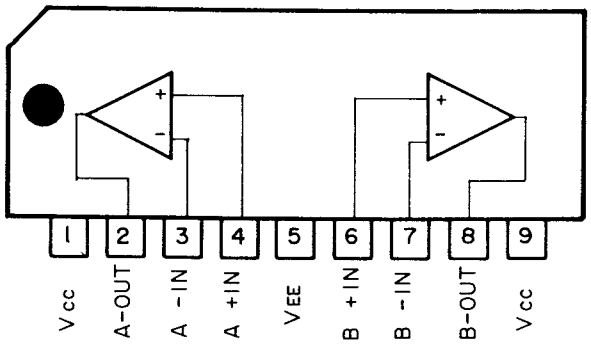
	No.	FM SSG (400Hz, 100%)		Displayed Frequency (MHz)	Adjusting Point	Adjustment Method (Switch Position)
		Frequency (MHz)	Level (dBf)			
	1	98.1※3	65	98.1	VR701	mV Meter (3): Maximum

• ICs

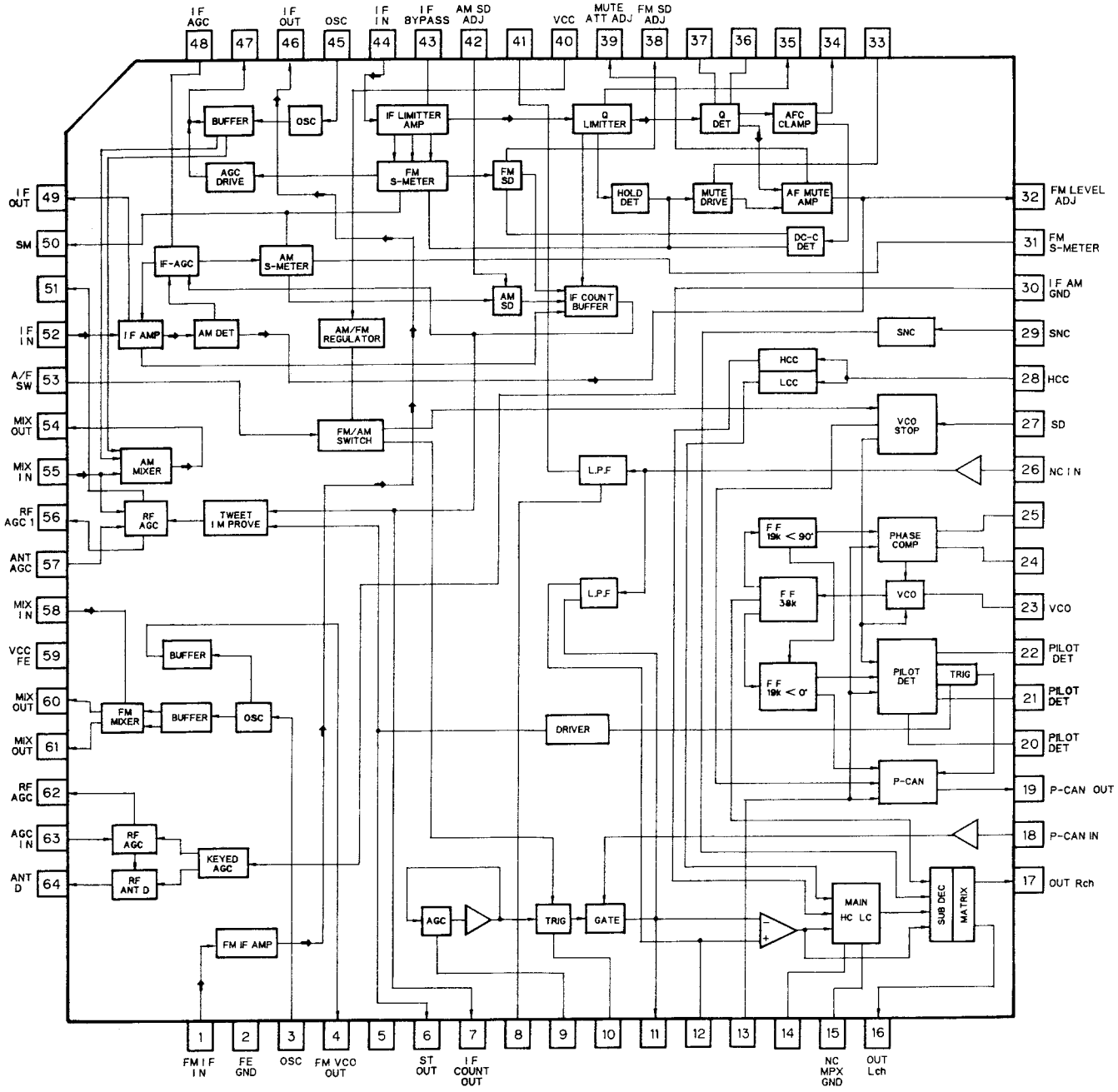
LA3161P



TA75558S

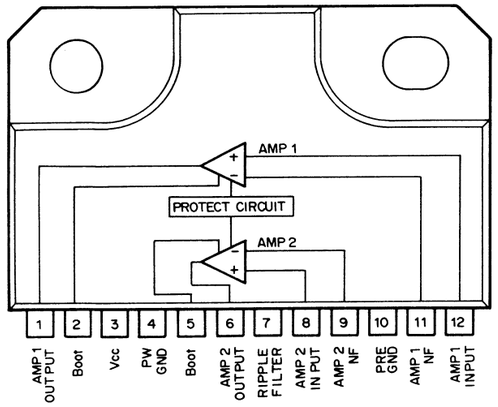


PAC001A

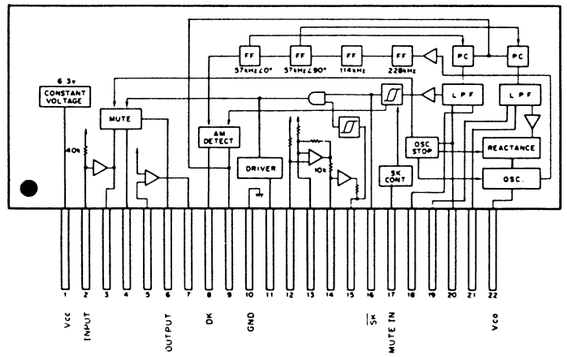

IF AGC
IF OUT
OSC
IF IN
IF BYPASS
AM SD ADJ
VCC
MUTE ATT ADJ
FM SD ADJ
BUFFER
OSC
IF LIMITTER AMP
Q LIMITTER
Q DET
AFC CLAMP
AGC DRIVE
FM S-METER
FM SD
HOLD DET
MUTE DRIVE
AF MUTE AMP
DC-C DET
IF-AGC
AM S-METER
AM SD
IF COUNT BUFFER
IF AMP
AM DET
AM/FM REGULATOR
SNC
HCC
LCC
VCO STOP
FM/AM SWITCH
AM MIXER
L.P.F
RF AGC
TWEET I M PROVE
F.F 19k < 90°
PHASE COMP
F.F 38k
VCO
PILOT DET
TRIG
F.F 19k < 0°
FM MIXER
DRIVER
P-CAN
KEYED AGC
RF ANT D
AGC
TRIG
GATE
MAIN HC LC
SUB DEC
MATRIX
FM IF AMP
IF OUT
SM
IF IN
A/F SW
MIX OUT
MIX IN
RF AGC 1
ANT AGC
VCC FE
RF AGC
AGC IN
ANT D
FM LEVEL ADJ
FM S-METER
I.F AM GND
SNC
HCC
SD
NC I N
VCO
PILOT DET
P-CAN OUT
P-CAN IN
OUT Rch
FM I F IN
FE GND
OSC
FM VCO OUT
ST OUT
I F COUNT OUT
NC MPX GND
OUT Lch

TA7281P

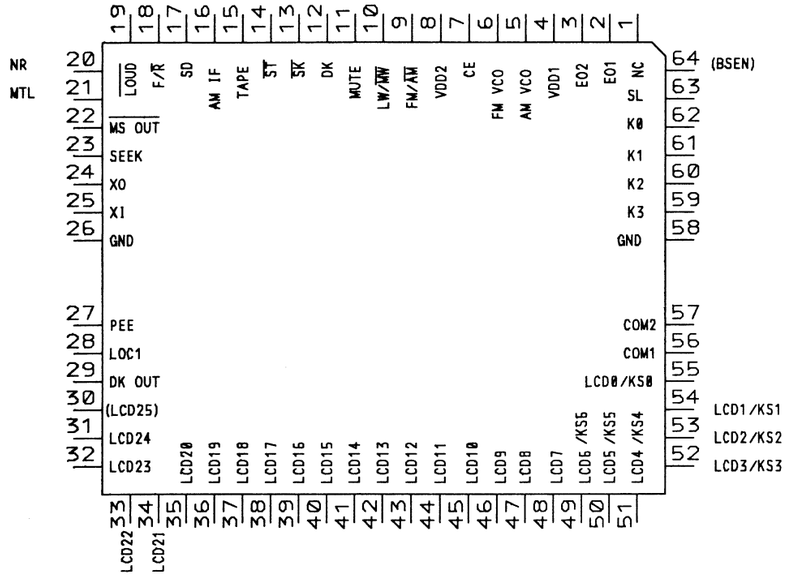
TA7281P



LA2220



*PD4275



*IC's marked by * are MOS type.*
Be careful in handling them because they are very liable to be damaged by electrostatic induction.

• Pin Function (PD4275)

Pin No.	Pin Name	I/O	Output Format	Function and Operation
1	NC		C	Not used
2 3	EO1 EO2	Output	C(3)	PLL error output pins
4 8	VDD1 VDD2			Device power supply pin
5	VCOL	Input		AM local oscillator signal input pin
6	VCOH	Input		FM local oscillator signal input pin
7	CE	Input		Chip enable input pin
9	FM/$\overline{\text{AM}}$	Output	C	FM/AM band select pin "H":FM "L":AM
10	LW	Output	C	Loop filter switching output pin "H":LW
11	MUTE	Output	C	Mute output pin "H":ON
12	DK	INPUT		SK signal input pin
13	$\overline{\text{SK}}$	INPUT		DK signal input pin
14	$\overline{\text{ST}}$	Input		Stereo broadcast detection signal input pin "L":Stereo indicator is displayed
15	TAPE	INPUT		Tape power ON/OFF input pin "H":ON
16	AMIF	Input		AM IF signal input pin
17	SD	Input		FM SD input "H":During broadcast reception
18	F/$\overline{\text{REV}}$	Input		Tape motion signal input pin "H":Forward
19	$\overline{\text{LOUD}}$	Input		Loudness ON/OFF signal input pin "L":ON
20	NR	Output	C	Dolby NR ON/OFF output pin "H":ON
21	$\overline{\text{METAL}}$	Output	C	Tape METAL ON/OFF output pin "L":ON
22	$\overline{\text{MSOUT}}$	Output	C	Tape MS ON/OFF output pin "L":ON
23	SEEK	Output	C	"H" level:SEEK, BSM, BSA and PSCAN
24 25	XO XI	Output Input	C	Quartz oscillator terminal
26	GND			GND terminal
27	PEE	Output	C	Alarm output pin
28	LOC1	Output	C	Halt sensitivity switching pin "L":DX SEEK(P. SCAN) "H":LOC SEEK
29	DKOUT	Output	C	Control by DK(terminal #12) input signal "H":DK input signal is detected as 125Hz
30	NC			Not used

Pin No.	P Na
31 | 55	LCD | LCD
48 | 55	KS7 | KS0
56 57	COM COM
59 | 62	K3 | K0
63	SL
64	NC

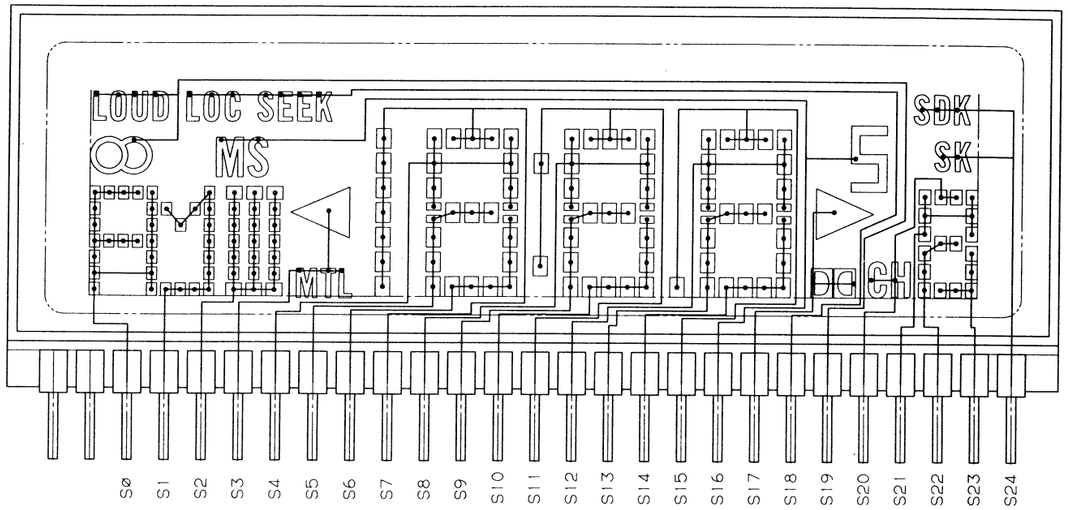
Output
C
C(

Pin No.	Pin Name	I/O	Output Format	Function and Operation
31 | 55	LCD24 | LCD0	Output	C	Segment signal output pins to LCD
48 | 55	KS7 | KS0	Output	C	Key matrix strobe output pins
56 57	COM1 COM2	Output	C	Common signal output pins to LCD
59 | 62	K3 | K0	Input		Key matrix return input pins
63	SL	Input		AM station level anarog input pin
64	NC		C	Not used

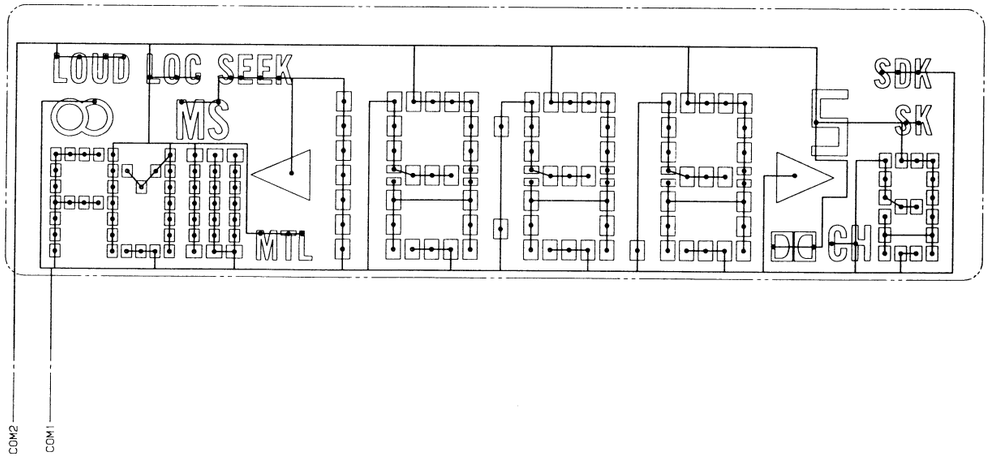
Output format	Meaning
C	C-MOS
C(3)	C-MOS(3 State)

- **LCD(CAW1097)**

SEGMENT

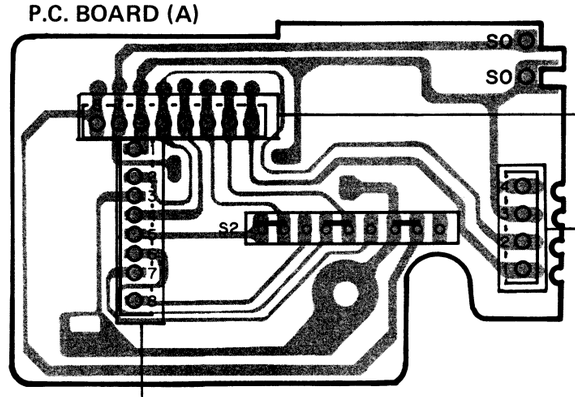


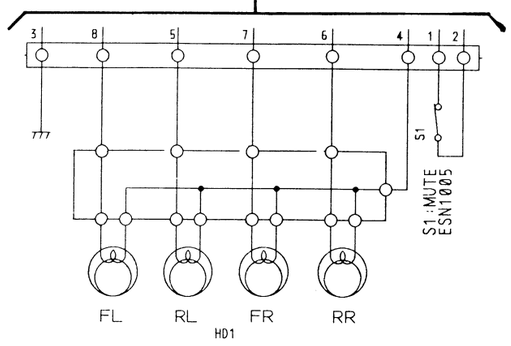
COMMON



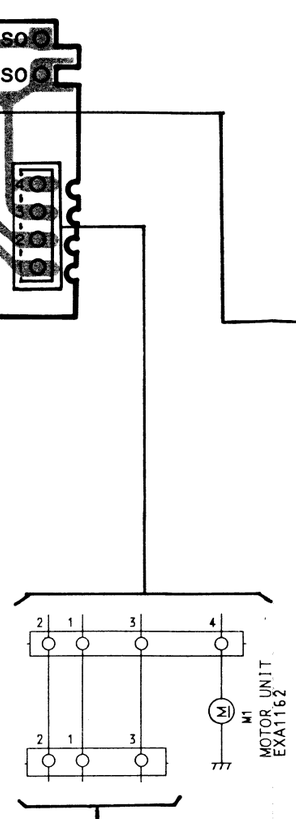
8. CONNECTION DIAGRAM (KE-2700SDK)

P.C. BOARD (A)

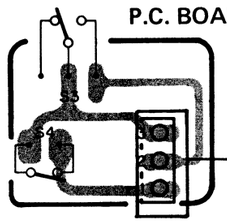


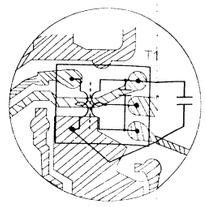


HEAD UNIT:EXA1163



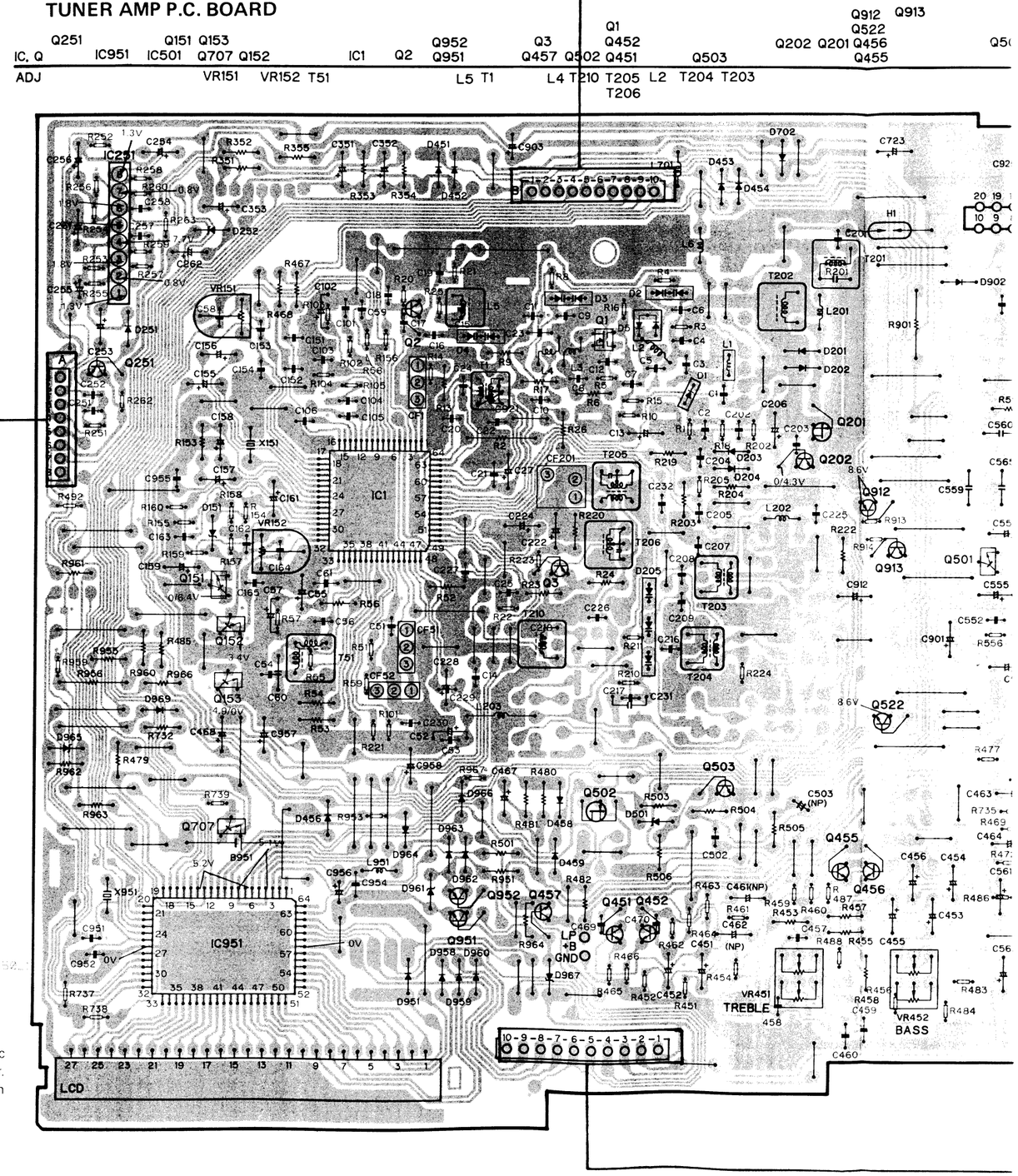
P.C. BOARD (B)





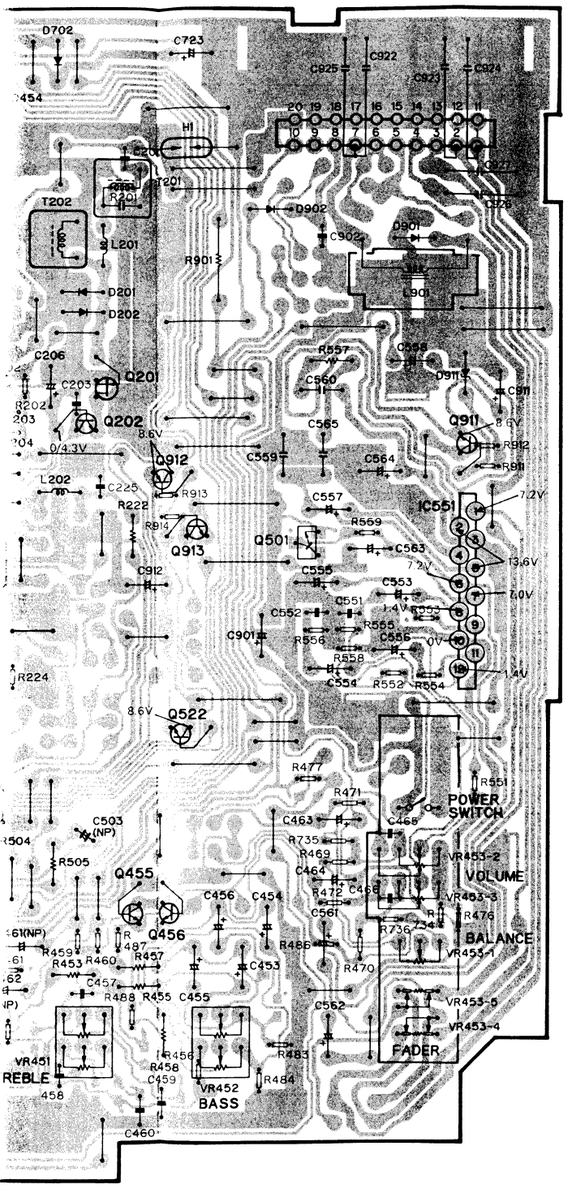
There is a C921 unit fitted with a ceramic capacitor instead of a chip capacitor. Both units are interchangeable with each other.

TUNER AMP P.C. BOARD



Q912 Q913
Q522
Q202 Q201 Q456 Q501 Q911
Q455 IC551

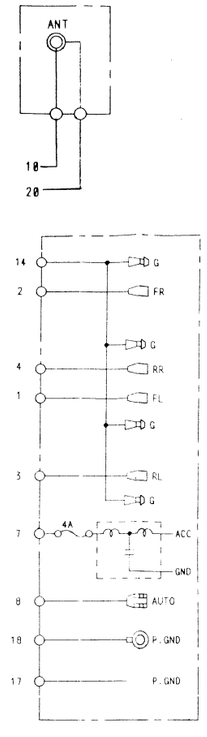
03



TUNER AMP P.C. BOARD: IC1

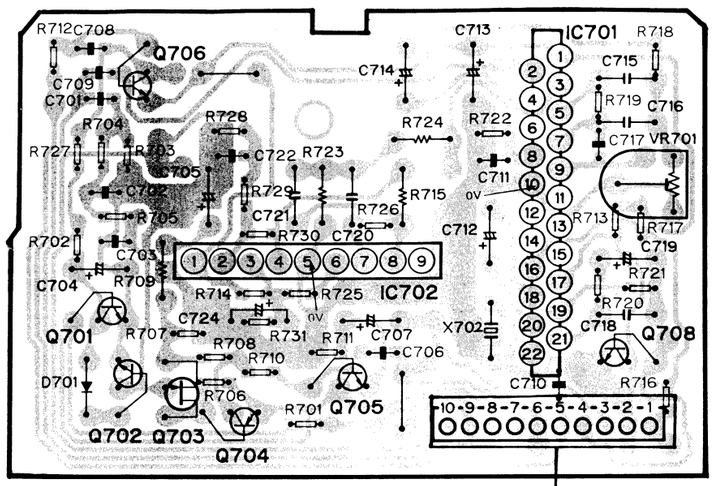
1	2	3	4	5	6	7	8	9	10
2.1V	0V				5.2V		2.9V		
11	12	13	14	15	16	17	18	19	20
4.8V	4.8V	4.8V	2.8V	0V	2.3V	2.3V	4.7V		3.5V
21	22	23	24	25	26	27	28	29	30
3.5V	3.5V	3.8V	3.5V	3.5V	4.8V		0/4.1V	0/3.5V	0V
31	32	33	34	35	36	37	38	39	40
0/6.4V	3.4V								
41	42	43	44	45	46	47	48	49	50
1.3V			2.4/0V		3.3/0V	4/5.2V	3.4/3.8V	8.7V	
51	52	53	54	55	56	57	58	59	60
0.2V	0/6.9V	4.9/0V	8.7V	0/2.2V	0/4.3V		3.4/0V	8.6/0V	8.6/0V
61	62	63	64						
8.6/0V	8.6/0V								

FM/MW



SDK P.C. BOARD

Q706 Q703
IC. Q Q701 Q702 Q704 IC702 Q705 IC701 Q708
ADJ VR701



KEYBOARD UNIT

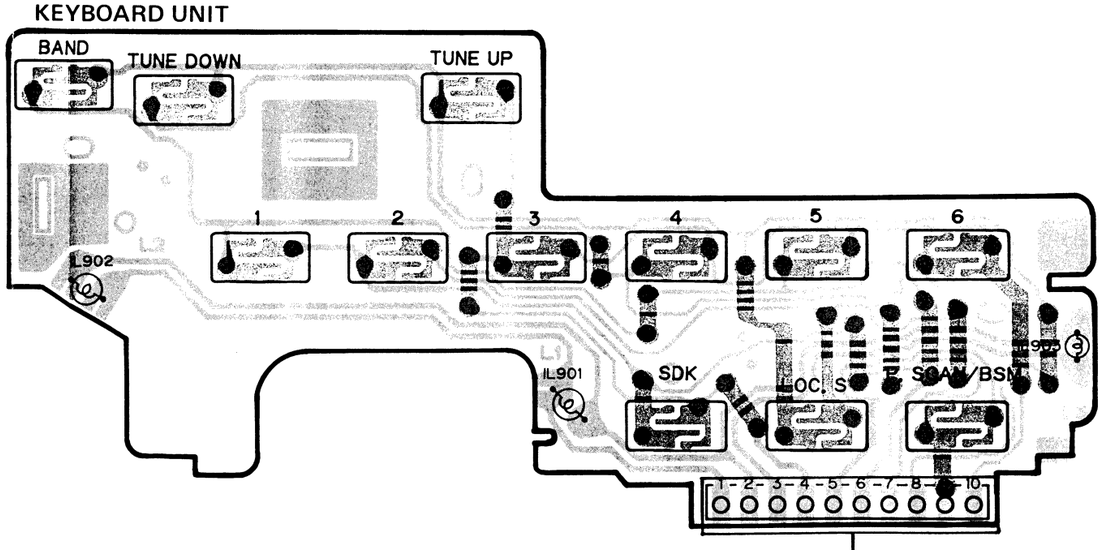
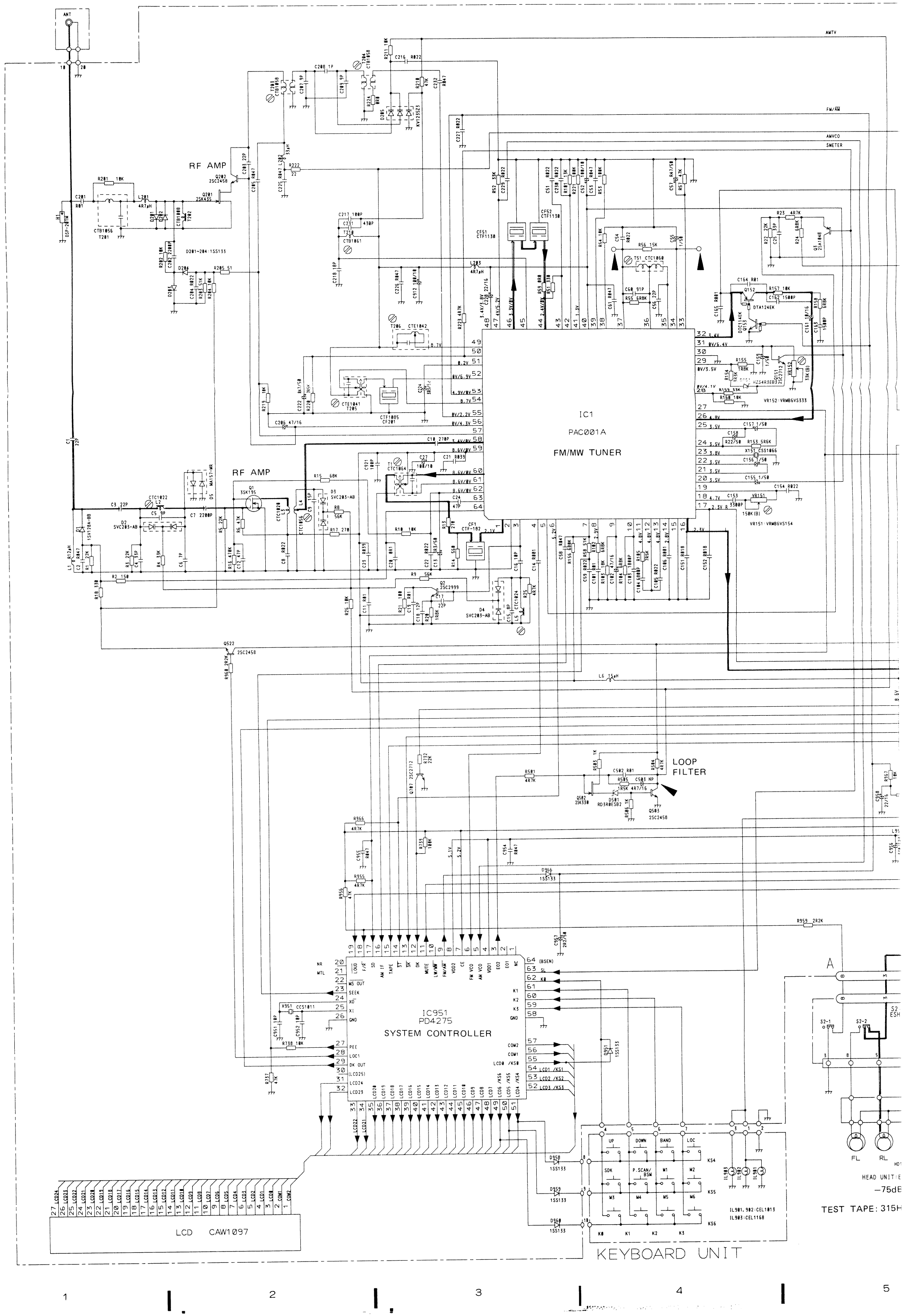


Fig. 9

9. SCHEMATIC CIRCUIT DIAGRAM (KE-2700SDK)



TUNER AMP UNIT
Consists of ● SDK P.C.BOARD ● TUNER AMP P.C.BOARD

NOTE :

⊏▭⊐ Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.

⊣⊢ Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022

SDK P.C.BOARD

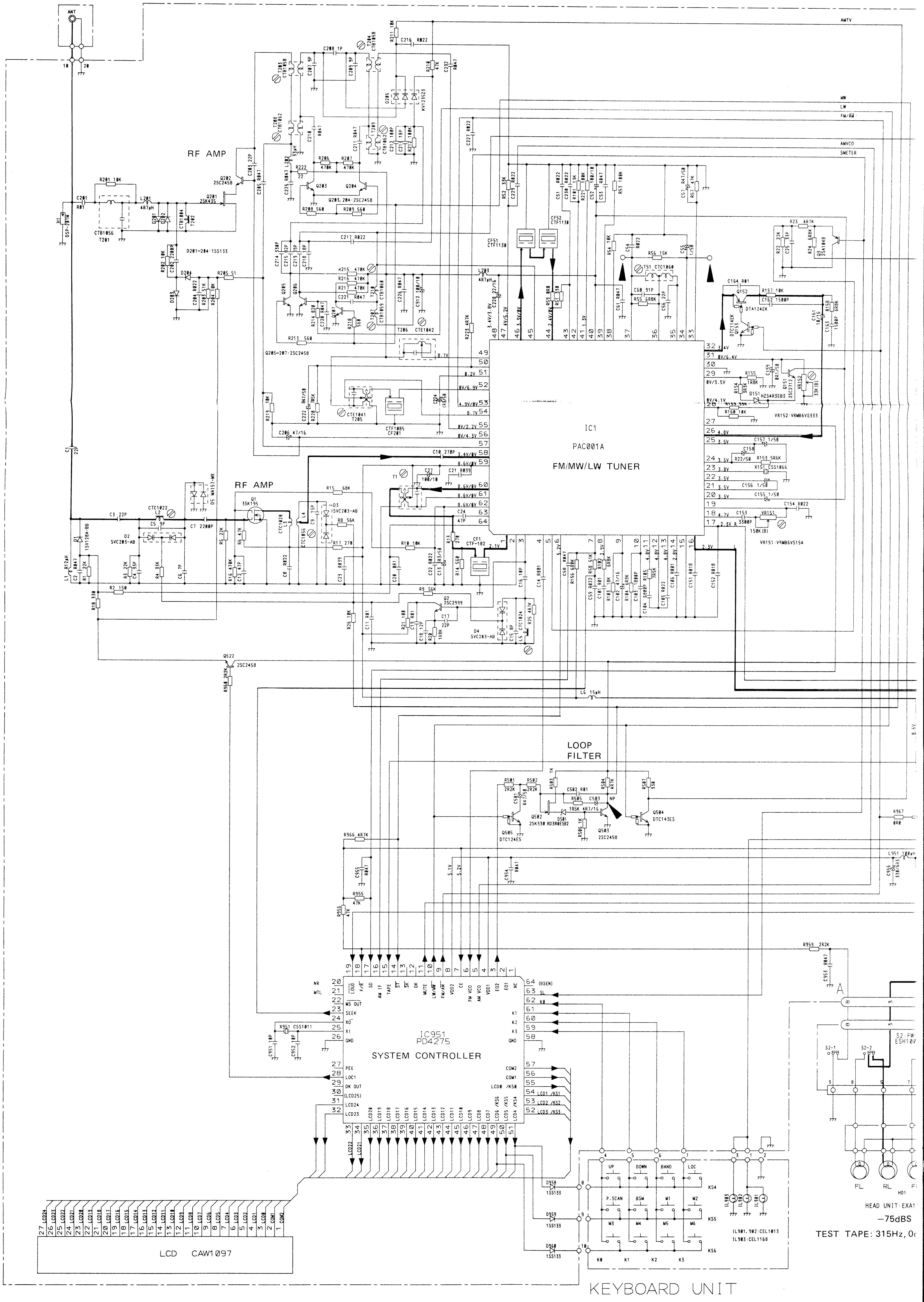
TUNER AMP P.C.BOARD

P.C.BOARD (A)

P.C.BOARD (B)

Fig. 10

10. SCHEMATIC CIRCUIT DIAGRAM (KE-2730B)



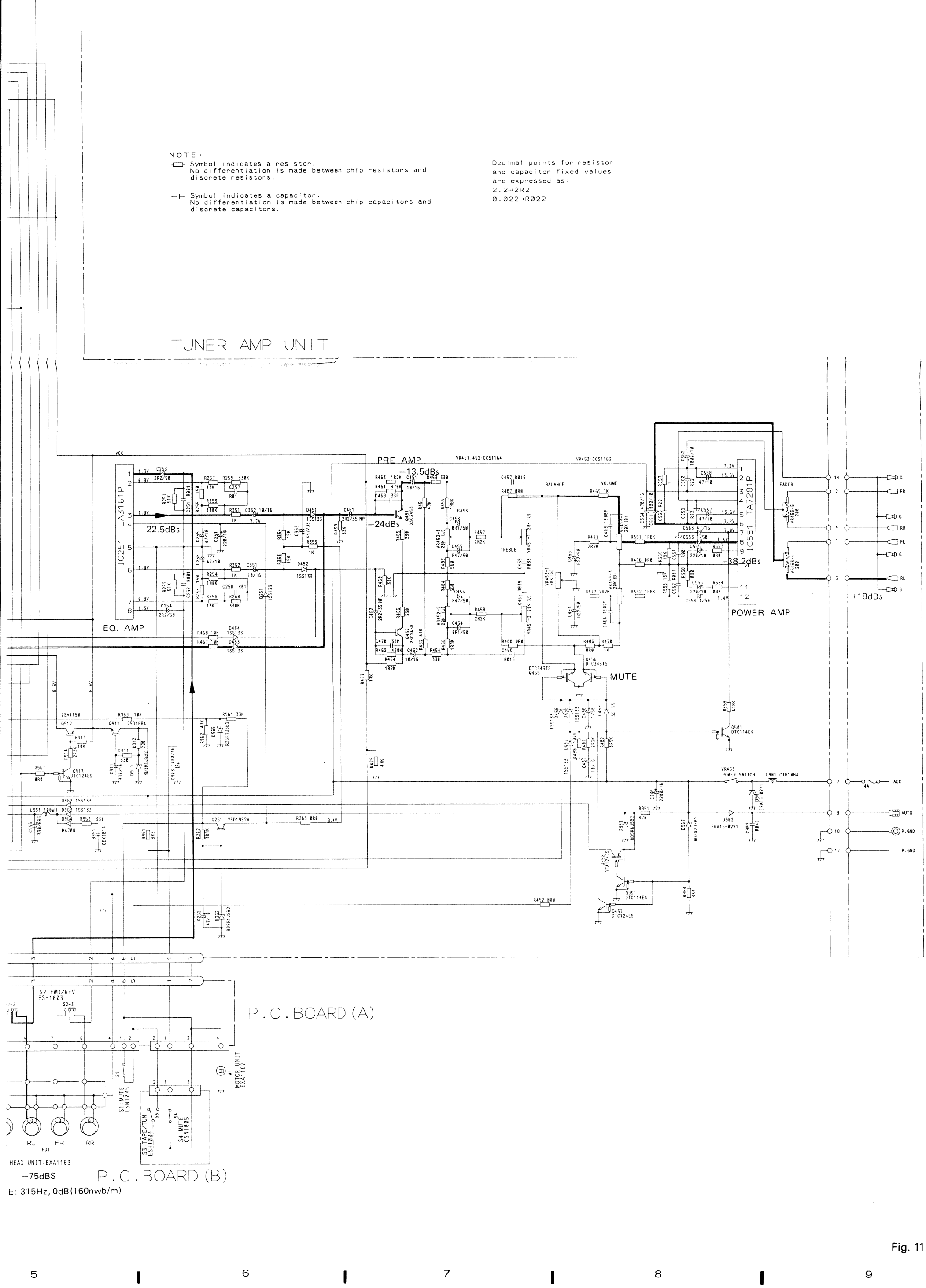
NOTE:

⊣▭⊢ Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.

⊣⊢ Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022

TUNER AMP UNIT



P.C.BOARD (A)

HEAD UNIT: EXA1163

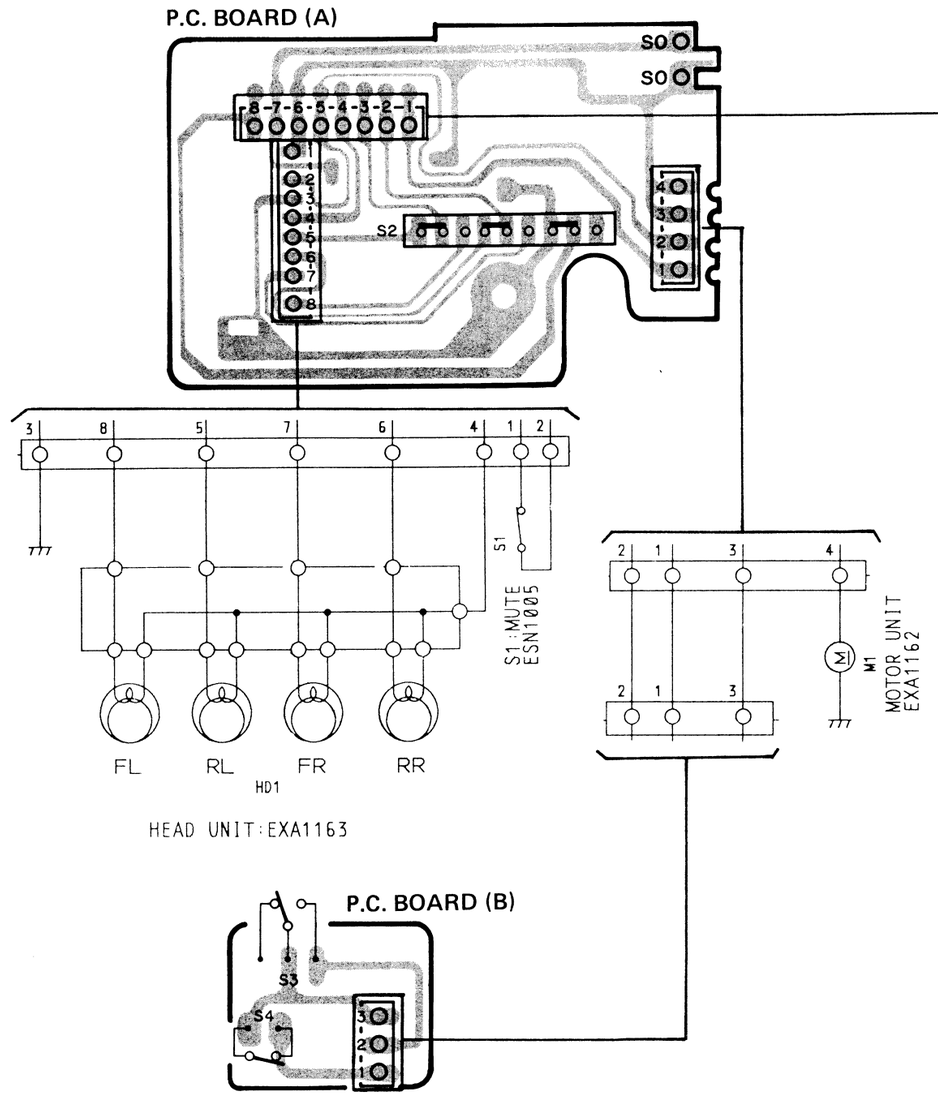
−75dBS

P.C.BOARD (B)

E: 315Hz, 0dB(160nwb/m)

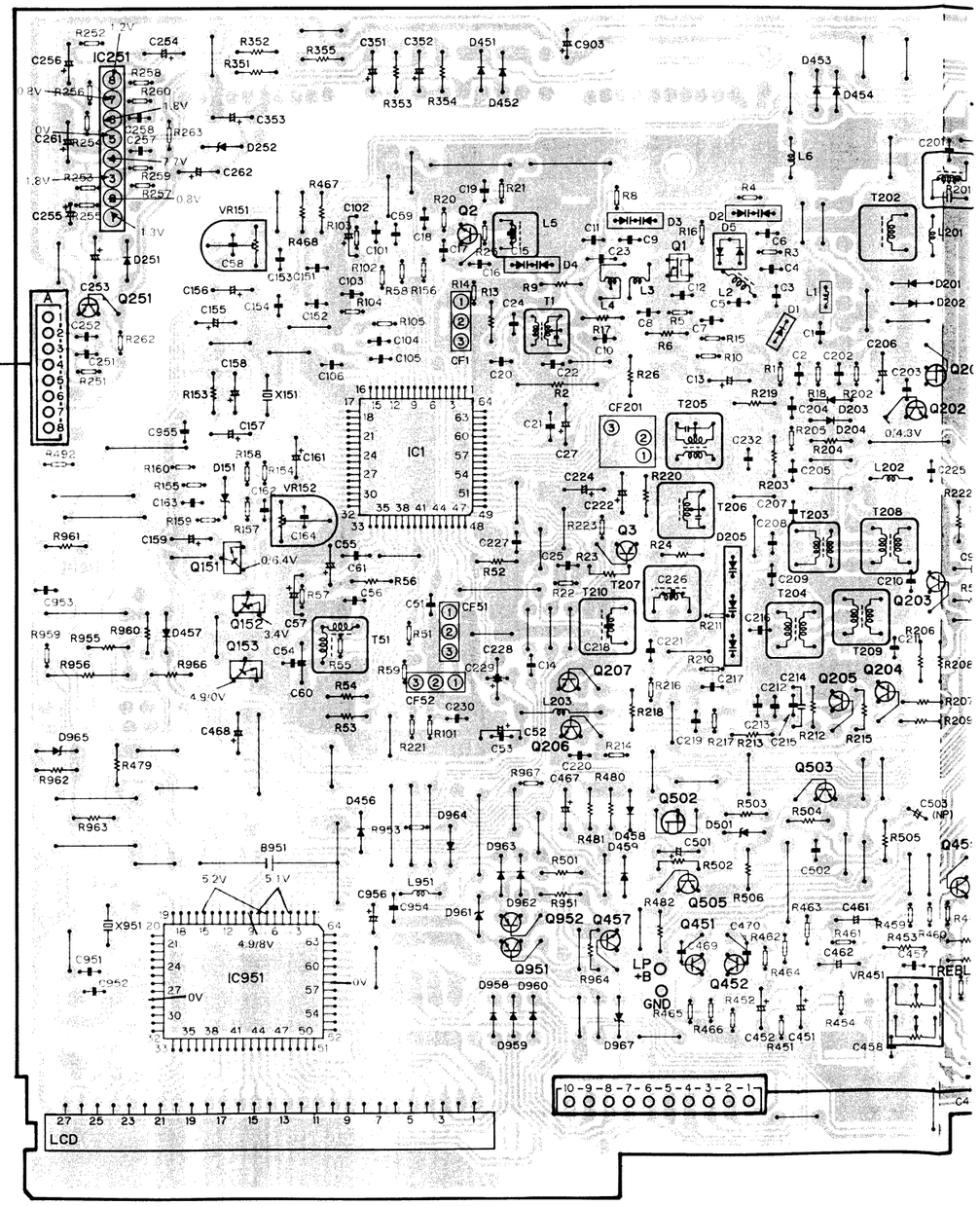
Fig. 11

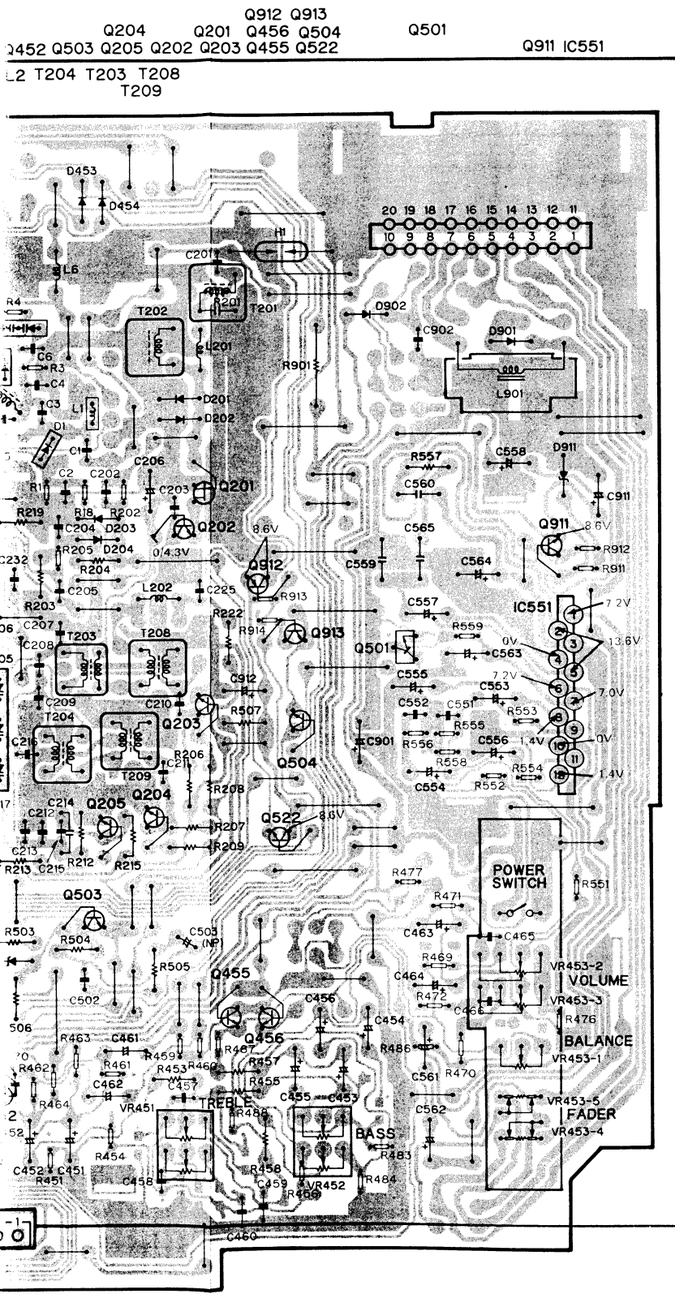
11. CONNECTION DIAGRAM (KE-2730B)



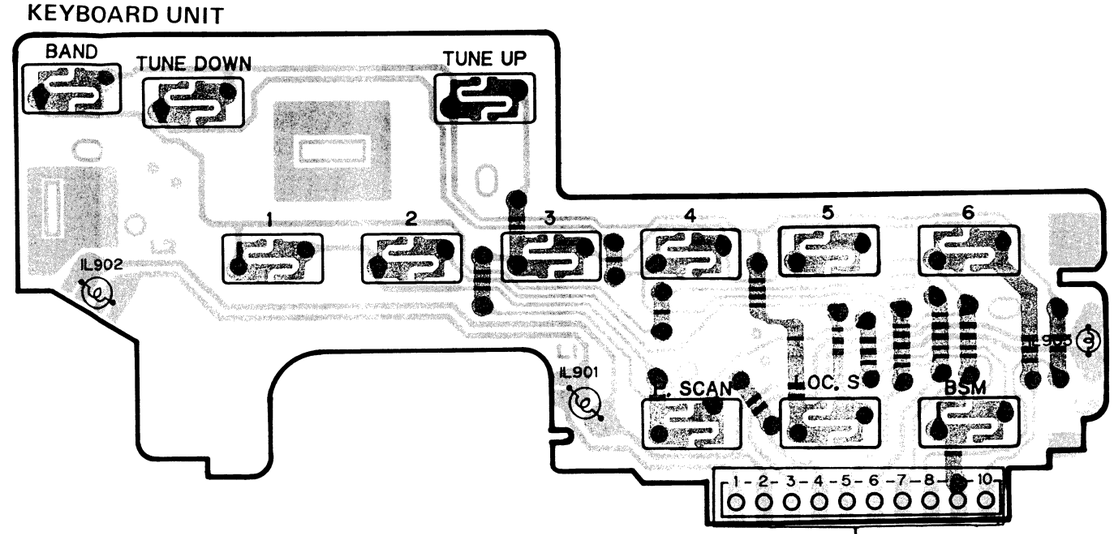
TUNER AMP UNIT

IC. Q	IC251 Q251	IC951	Q151	Q153	Q152	IC1	Q2	Q951	Q952	Q207	Q206	Q3 Q457	Q505	Q502	Q1 Q451	Q452	Q204 Q503	Q205	Q202	Q201 Q203
ADJ			VR151		VR152	T51				T1 L5		L4	T210	T205 T207	T206	L2	T204	T203	T208 T209	





KEYBOARD UNIT



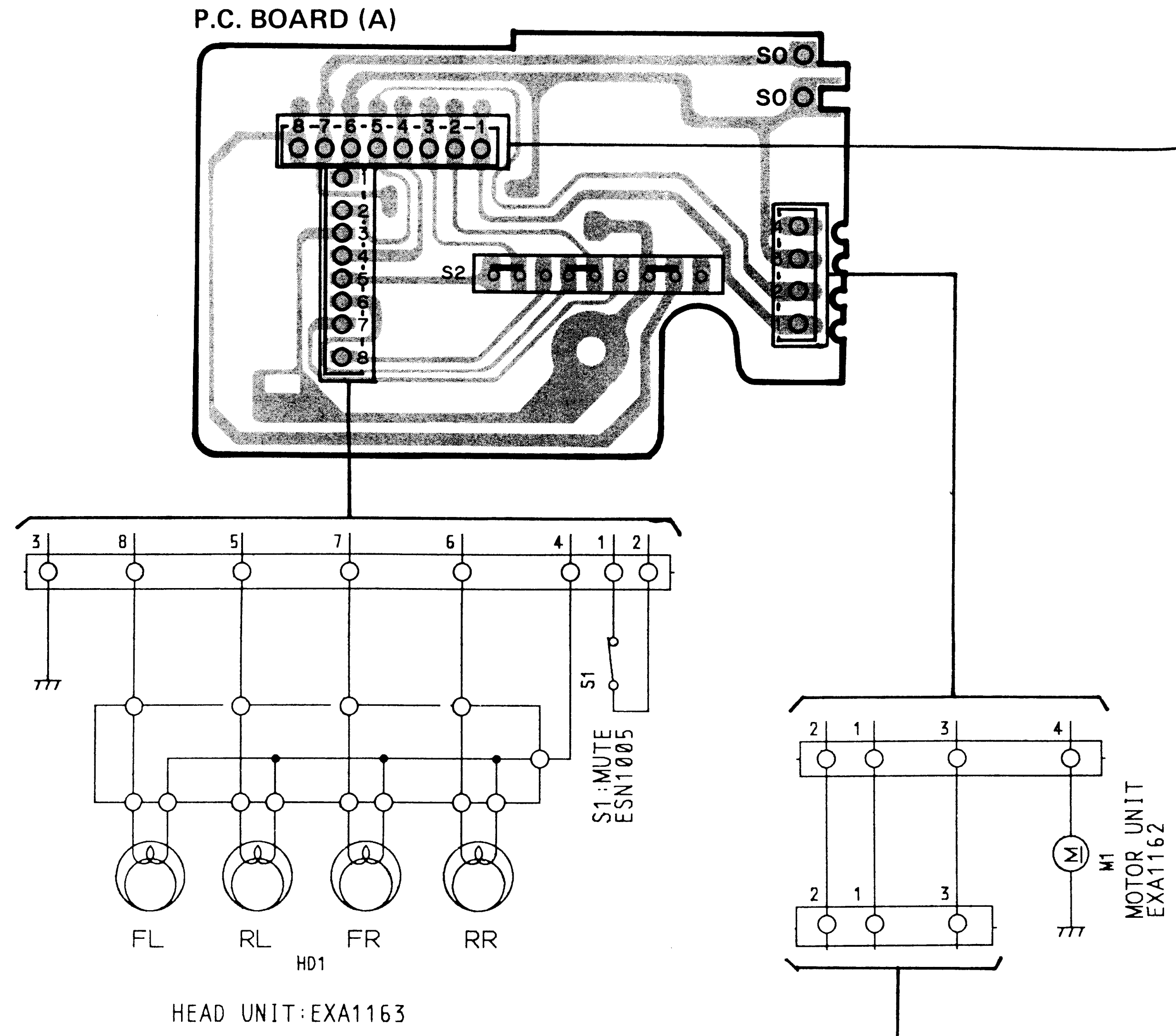
TUNER AMP UNIT: IC1

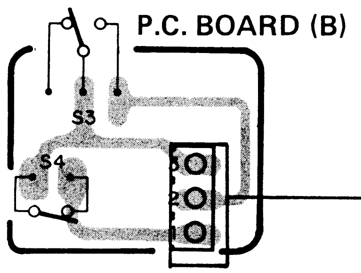
1	2	3	4	5	6	7	8	9	10
2.1V	0V				5.2V		2.9V		
11	12	13	14	15	16	17	18	19	20
4.8V	4.8V	4.8V	2.8V	0V	2.3V	2.3V	4.7V		3.5V
21	22	23	24	25	26	27	28	29	30
3.5V	3.5V	3.8V	3.5V	3.5V	4.8V		0/4.1V	0/3.5V	0V
31	32	33	34	35	36	37	38	39	40
0/6.4V	3.4V								
41	42	43	44	45	46	47	48	49	50
1.3V			2.4/0V		3.3/0V	4/5.2V	3.4/3.8V	8.7V	
51	52	53	54	55	56	57	58	59	60
0.2V	0/6.9V	4.9/0V	8.7V	0/2.2V	0/4.3V		3.4/0V	8.6/0V	8.6/0V
61	62	63	64						
8.6/0V	8.6/0V								

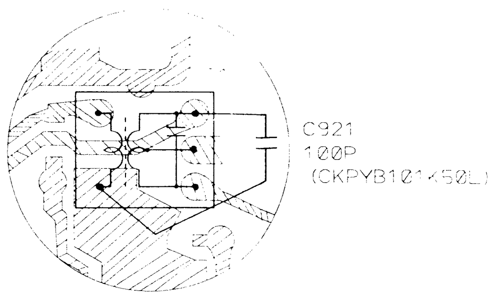
FM/MW

Fig. 12

12. CONNECTION DIAGRAM (KE-2700B)

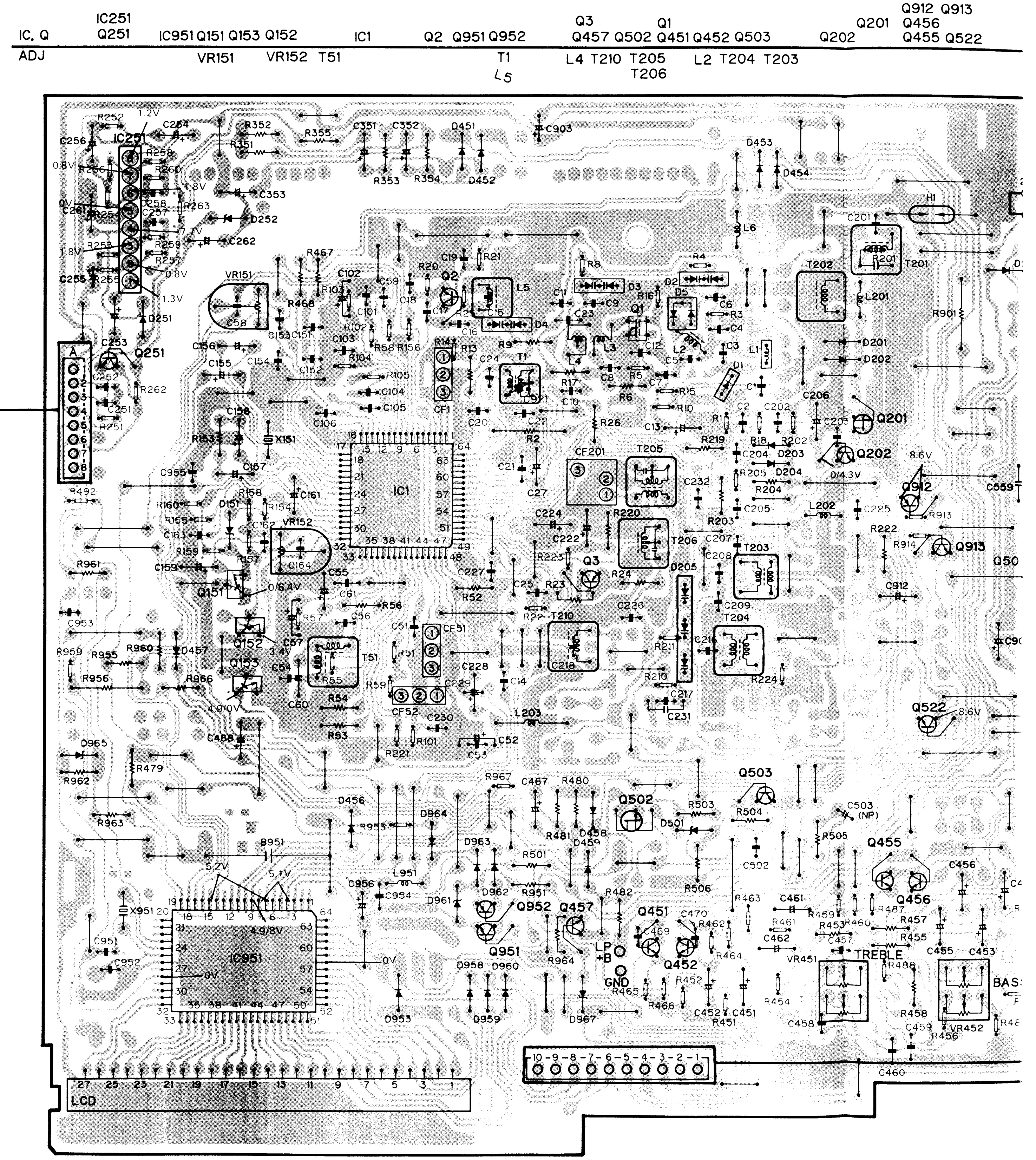




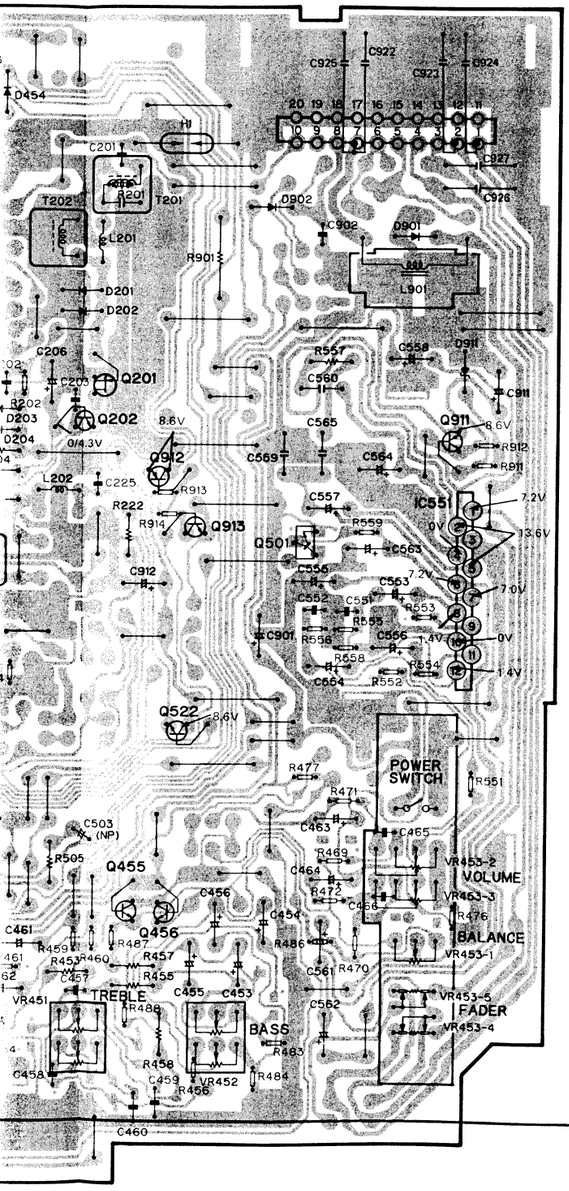


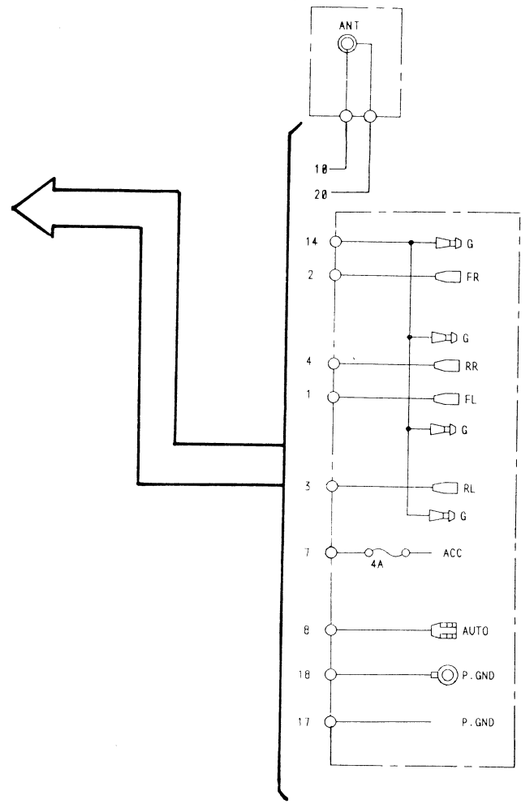
There is a C921 unit fitted with a ceramic capacitor instead of a chip capacitor. Both units are interchangeable with each other.

TUNER AMP UNIT

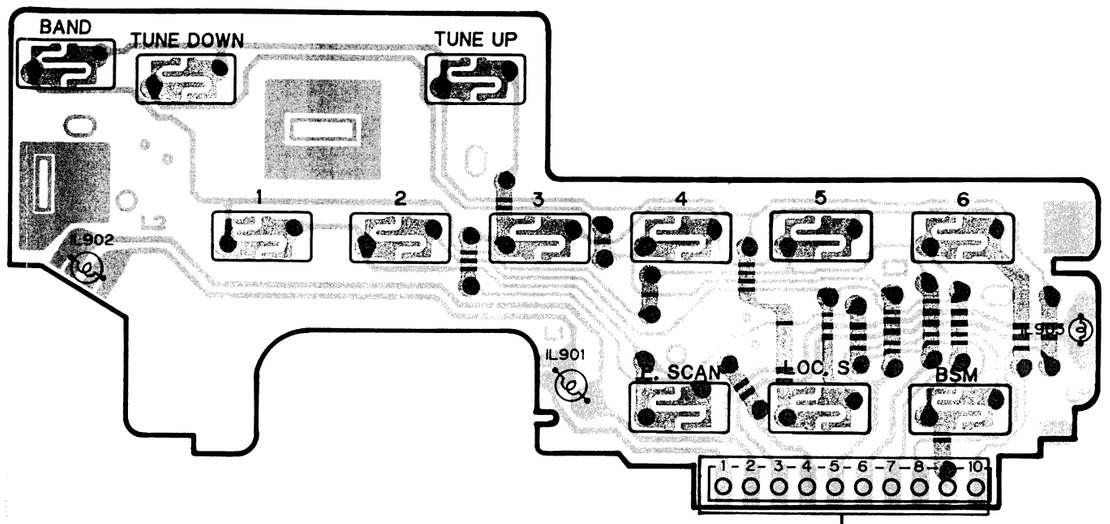


Q912 Q913
Q201 Q456 Q501
Q202 Q455 Q522 Q911 IC551
203





KEYBOARD UNIT



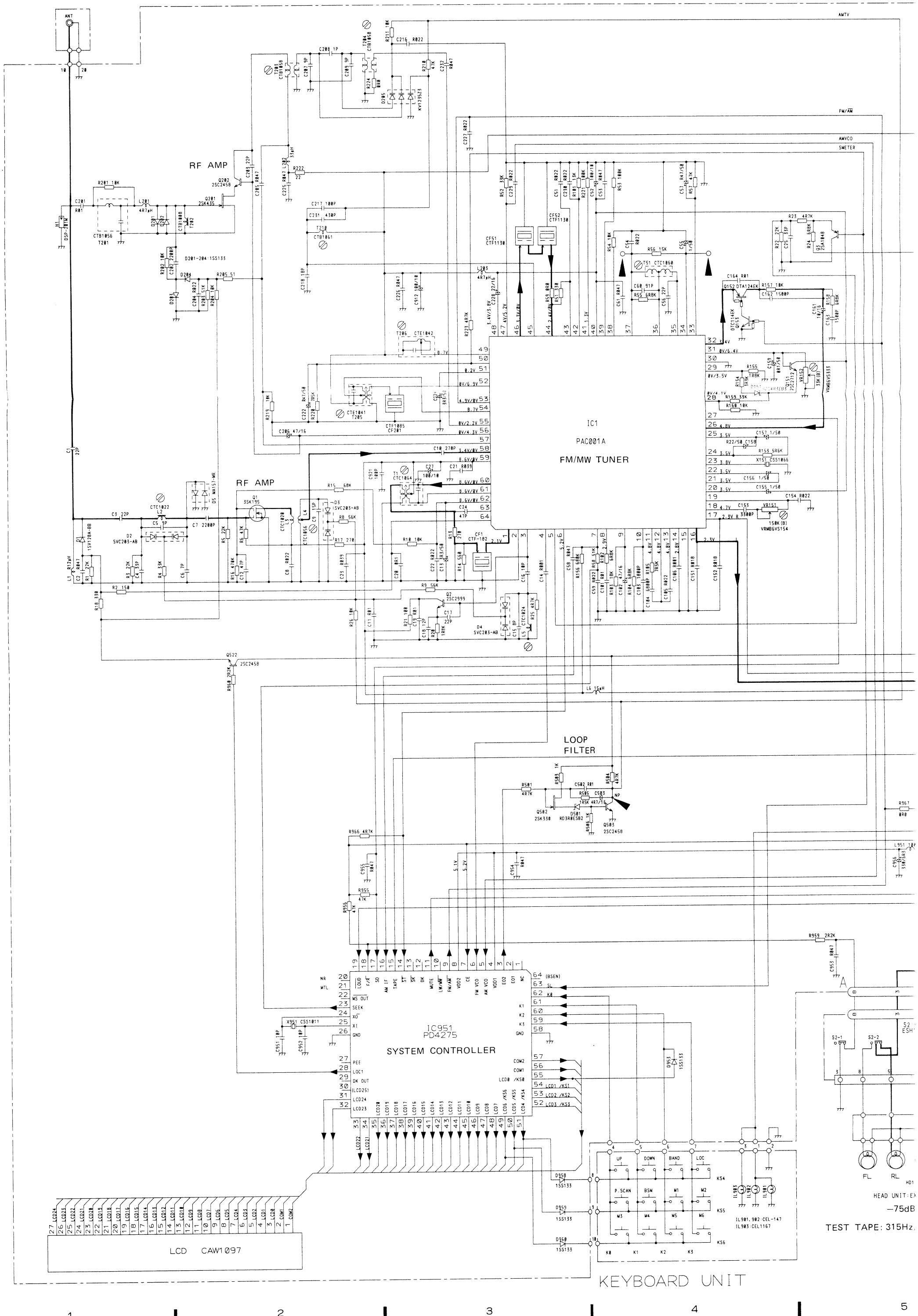
TUNER AMP UNIT: IC1

1	2	3	4	5	6	7	8	9	10
2.1V	0V				5.2V		2.9V		
11	12	13	14	15	16	17	18	19	20
4.8V	4.8V	4.8V	2.8V	0V	2.3V	2.3V	4.7V		3.5V
21	22	23	24	25	26	27	28	29	30
3.5V	3.5V	3.8V	3.5V	3.5V	4.8V		0/4.1V	0/3.5V	0V
31	32	33	34	35	36	37	38	39	40
0/6.4V	3.4V								
41	42	43	44	45	46	47	48	49	50
1.3V			2.4/0V		3.3/0V	4/5.2V	3.4/3.8V	8.7V	
51	52	53	54	55	56	57	58	59	60
0.2V	0/6.9V	4.9/0V	8.7V	0/2.2V	0/4.3V		3.4/0V	8.6/0V	8.6/0V
61	62	63	64						
8.6/0V	8.6/0V								

FM/MW

Fig. 13

13. SCHEMATIC CIRCUIT DIAGRAM (KE-2700B)



NOTE:

Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.

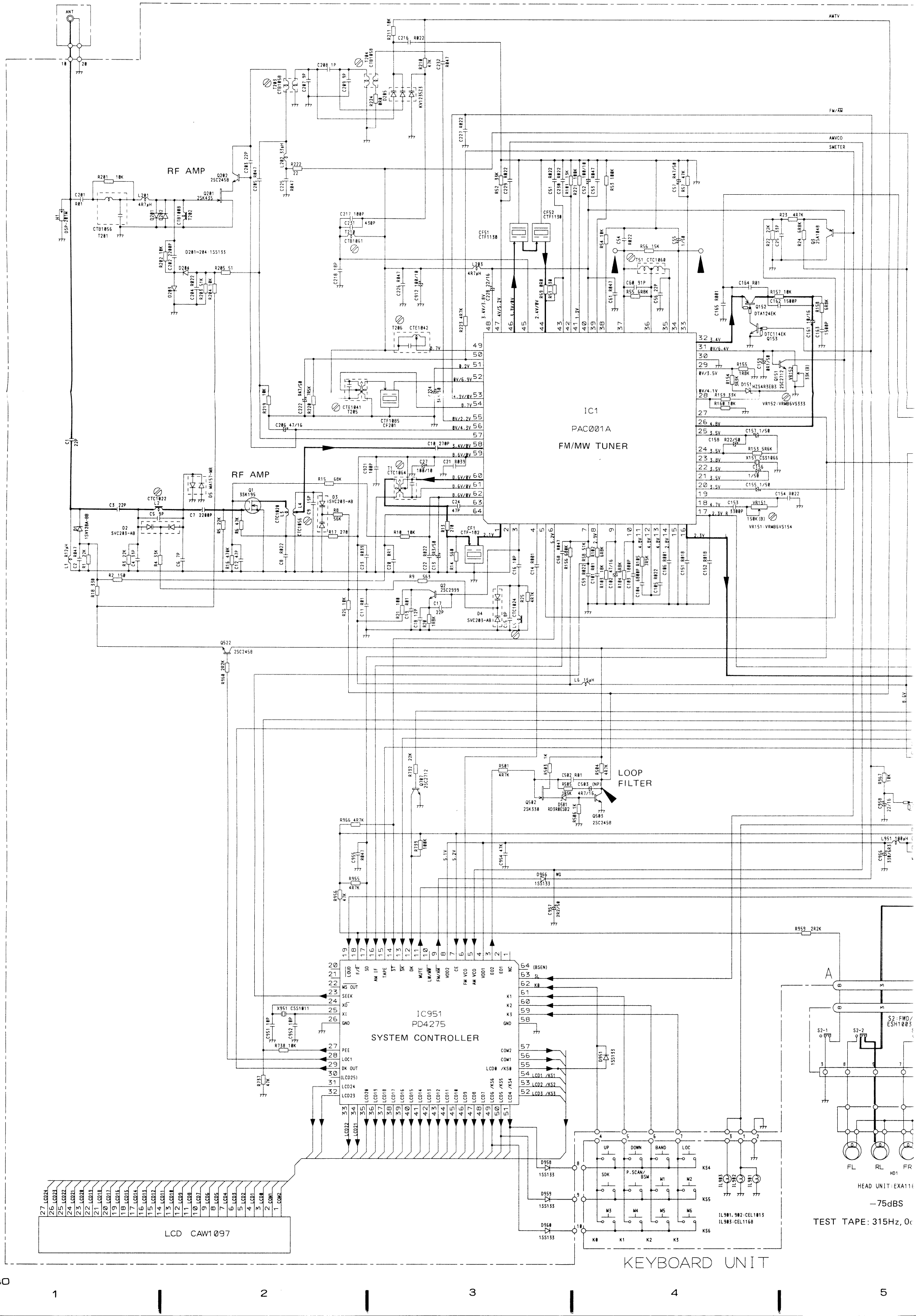
Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

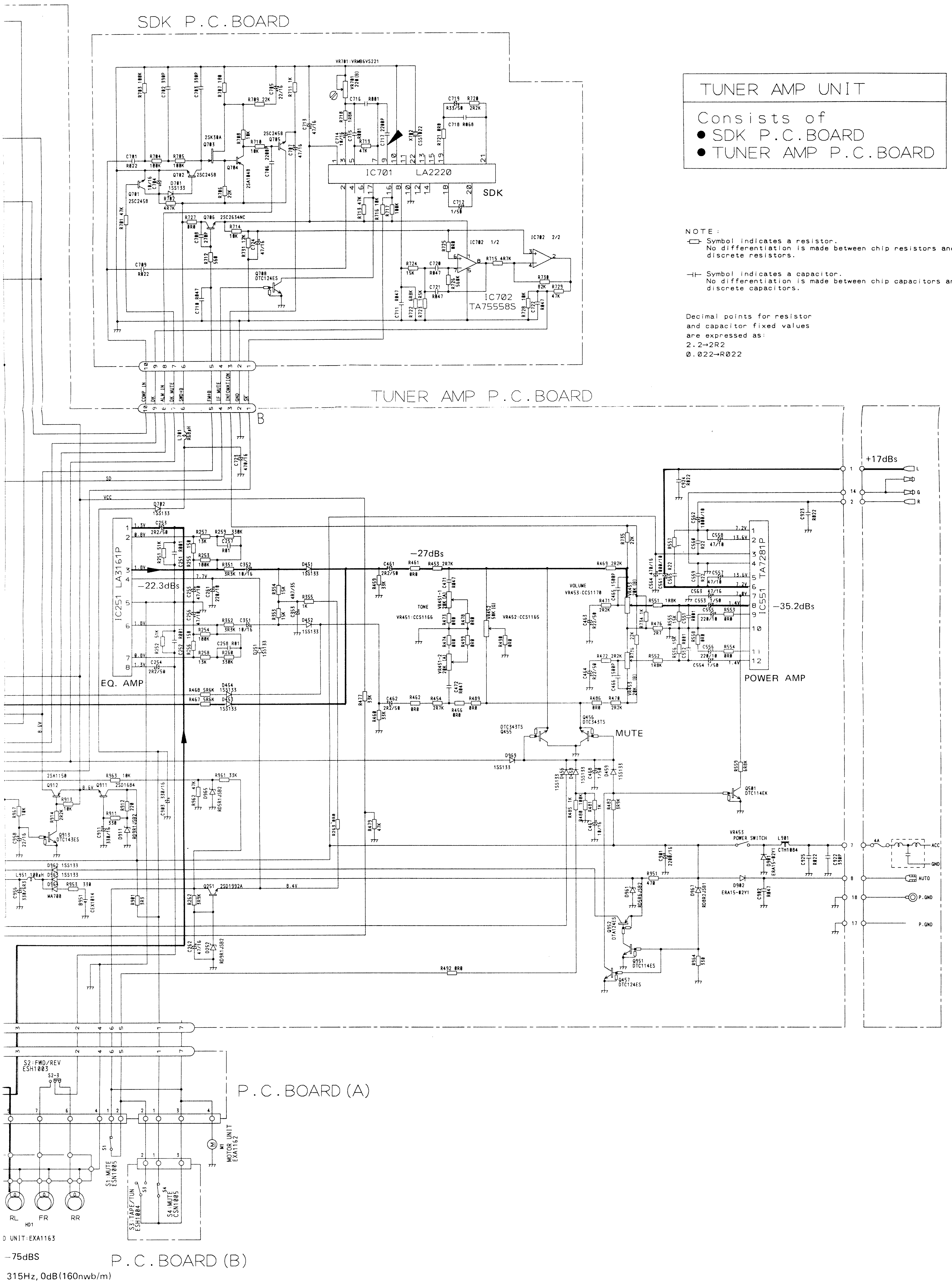
Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022

TUNER AMP UNIT

Fig. 14

14. SCHEMATIC CIRCUIT DIAGRAM (KE-1700SDK)





TUNER AMP UNIT

Consists of
- SDK P.C.BOARD
- TUNER AMP P.C.BOARD

NOTE:
—▭— Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.

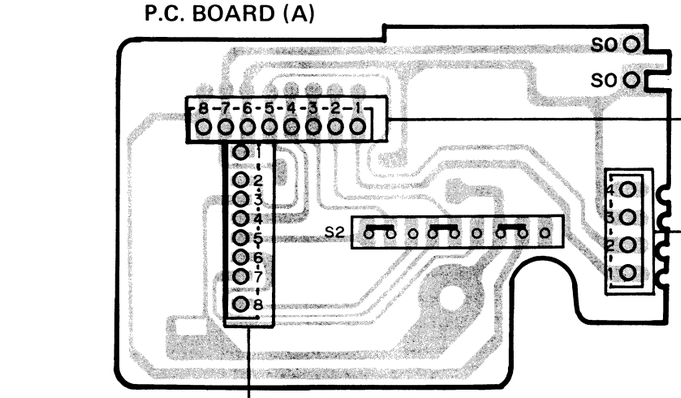
—||— Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

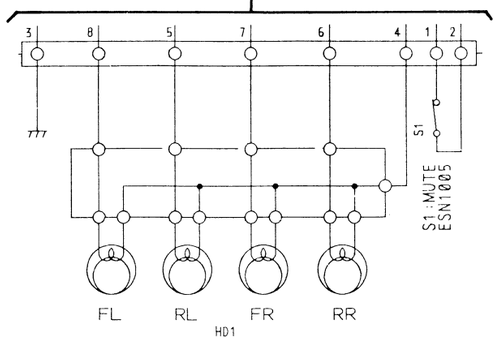
Decimal points for resistor
and capacitor fixed values
are expressed as:
2.2→2R2
0.022→R022

Fig. 15

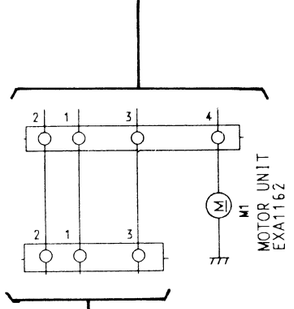
15. CONNECTION DIAGRAM (KE-1700SDK)

P.C. BOARD (A)

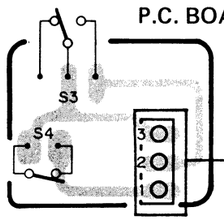


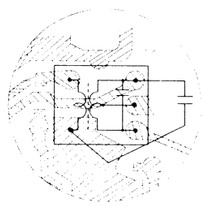


HEAD UNIT:EXA1163



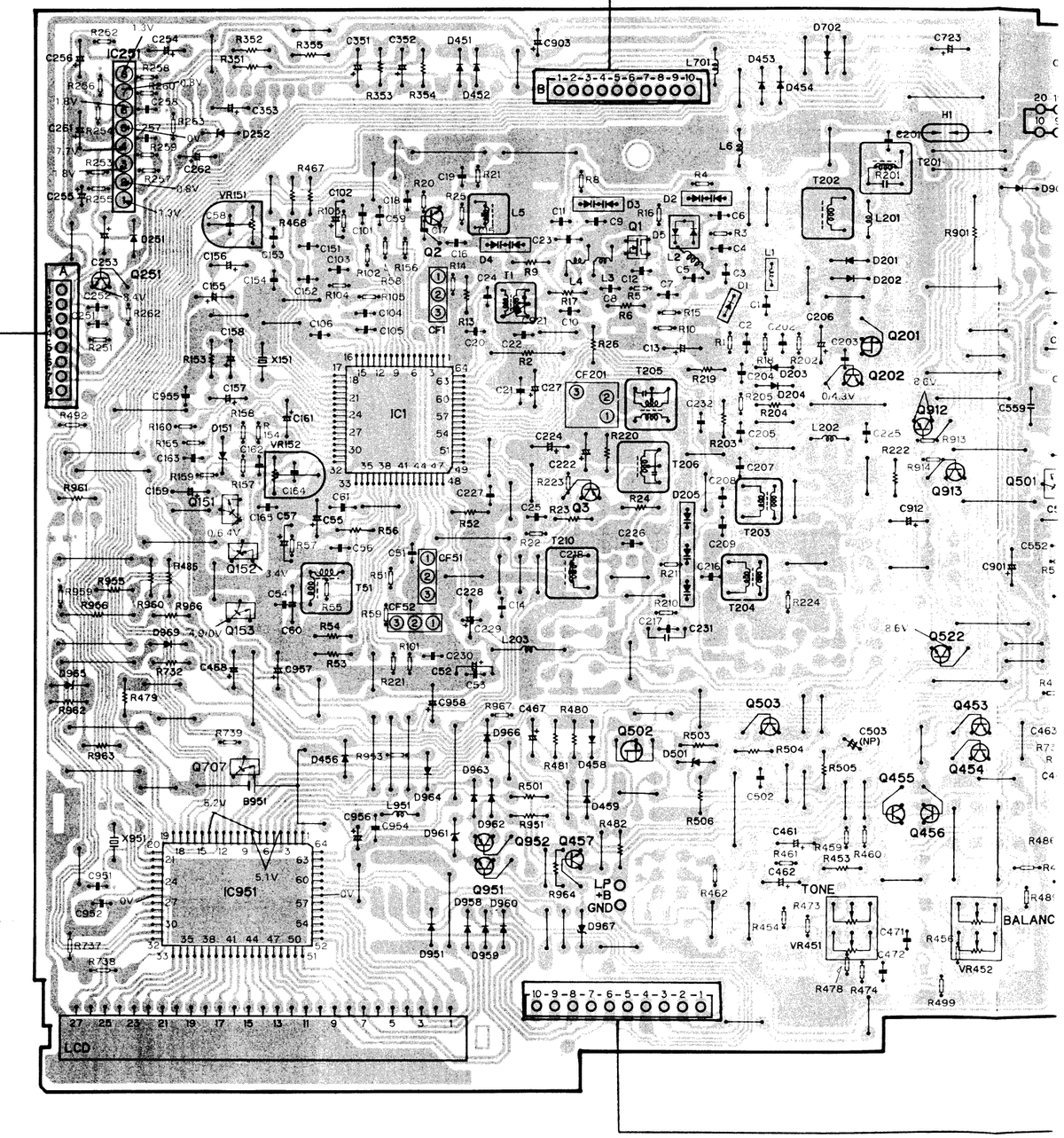
P.C. BOARD (B)



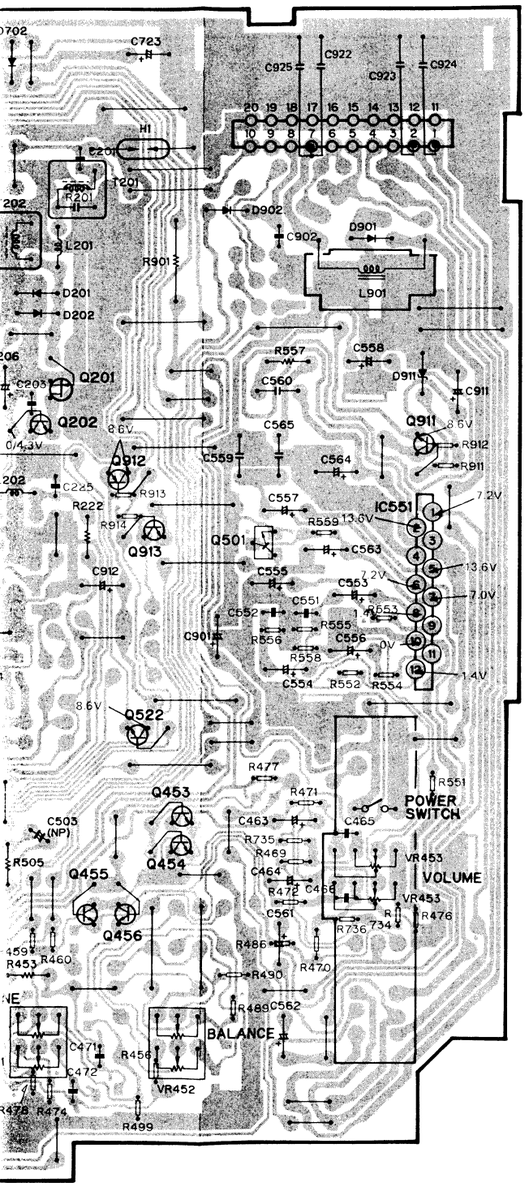


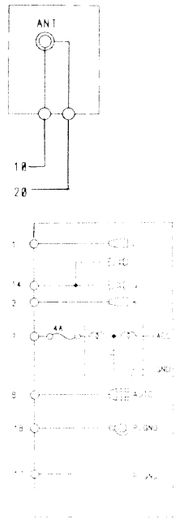
There is a C921 unit fitted with a ceramic capacitor instead of a chip capacitor. Both units are interchangeable with each other.

TUNER AMP P.C. BOARD



Q912 Q913
Q522
Q202 Q201 Q456 Q501 Q911
Q455 IC551





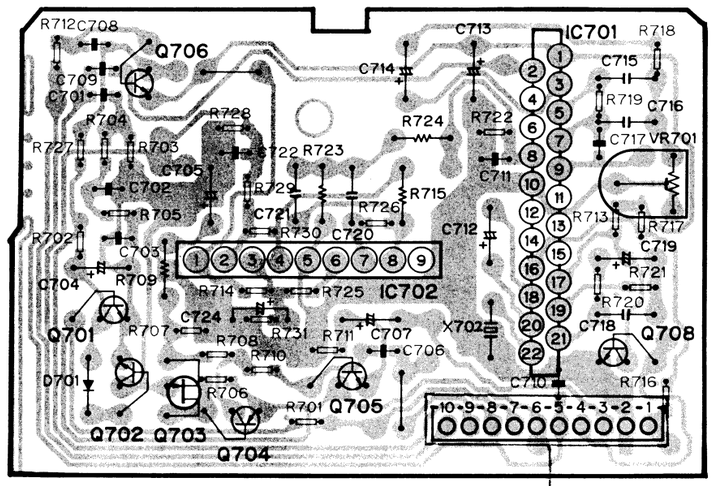
TUNER AMP P.C. BOARD:IC1

1	2	3	4	5	6	7	8	9	10
2.1V	0V				5.2V		2.9V		
11	12	13	14	15	16	17	18	19	20
4.8V	4.8V	4.8V	2.8V	0V	2.3V	2.3V	4.7V		3.5V
21	22	23	24	25	26	27	28	29	30
3.5V	3.5V	3.8V	3.5V	3.5V	4.8V		0/4.1V	0/3.5V	0V
31	32	33	34	35	36	37	38	39	40
0/6.4V	3.4V								
41	42	43	44	45	46	47	48	49	50
1.3V			2.4/0V		3.3/0V	4/5.2V	3.4/3.8V	8.7V	
51	52	53	54	55	56	57	58	59	60
0.2V	0/6.9V	4.9/0V	8.7V	0/2.2V	0/4.3V		3.4/0V	8.6/0V	8.6/0V
61	62	63	64						
8.6/0V	8.6/0V								

FM/MW

SDK P.C. BOARD

Q706 Q703
IC. Q Q701 Q702 Q704 IC702 Q705 IC701 Q708
ADJ VR701



KEYBOARD UNIT

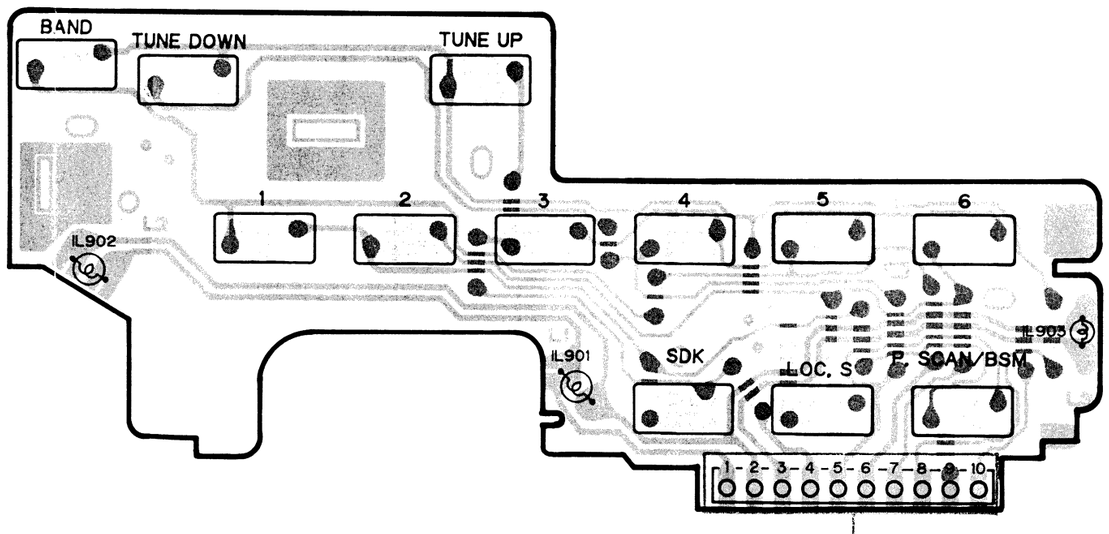
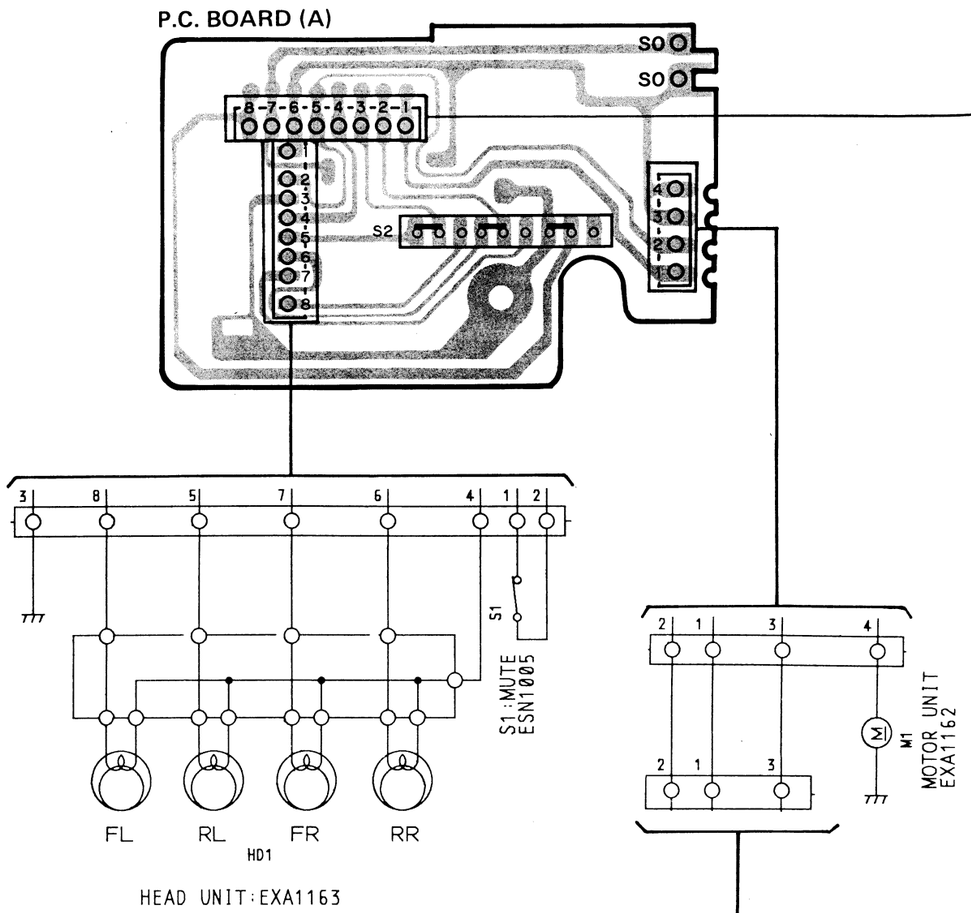


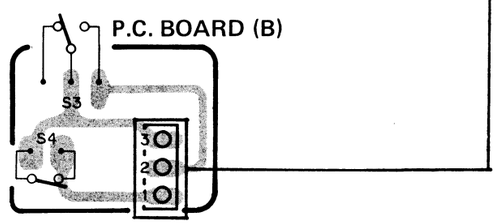
Fig. 16

16. CONNECTION DIAGRAM (KE-1730B)

P.C. BOARD (A)



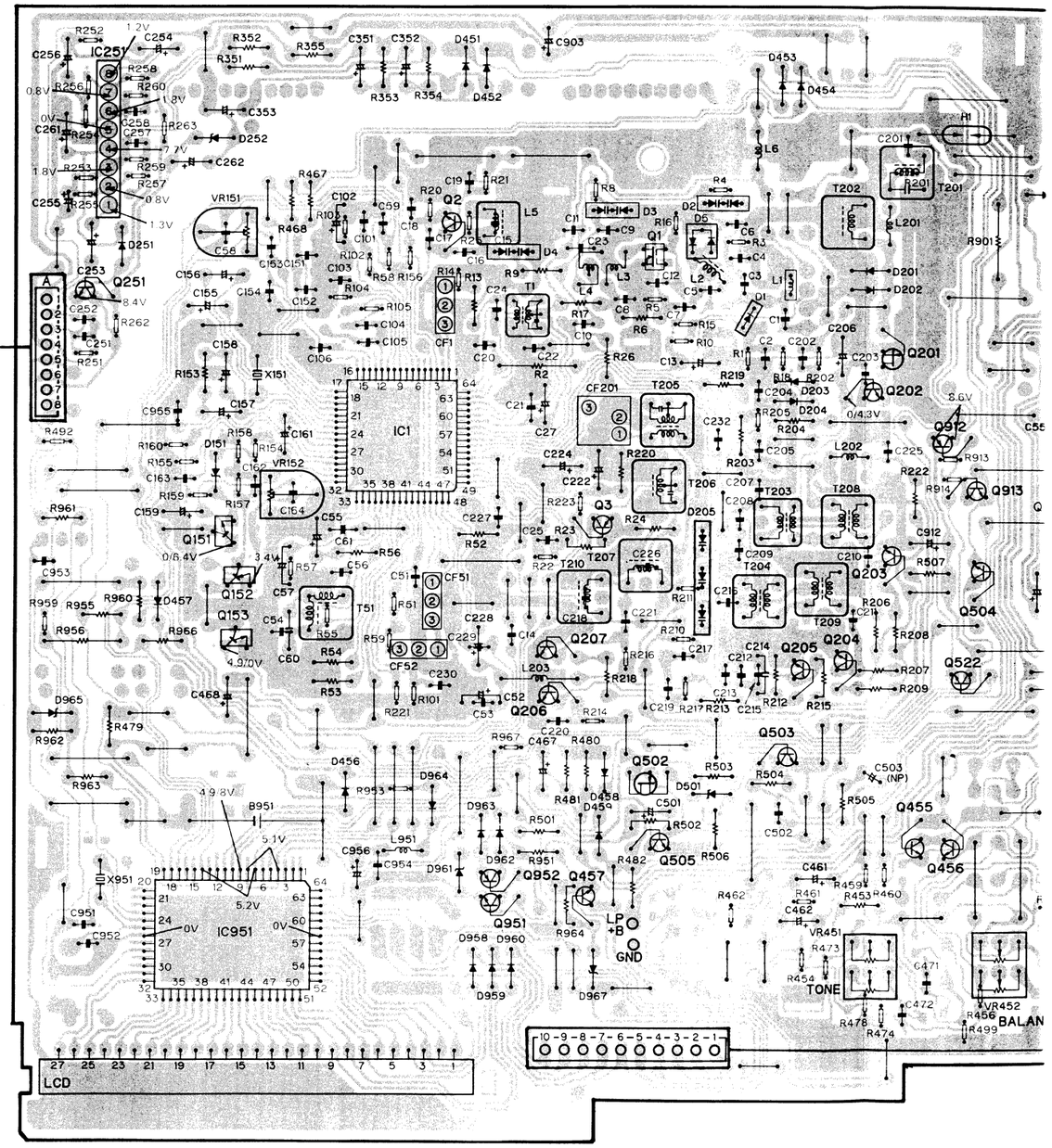
HEAD UNIT:EXA1163

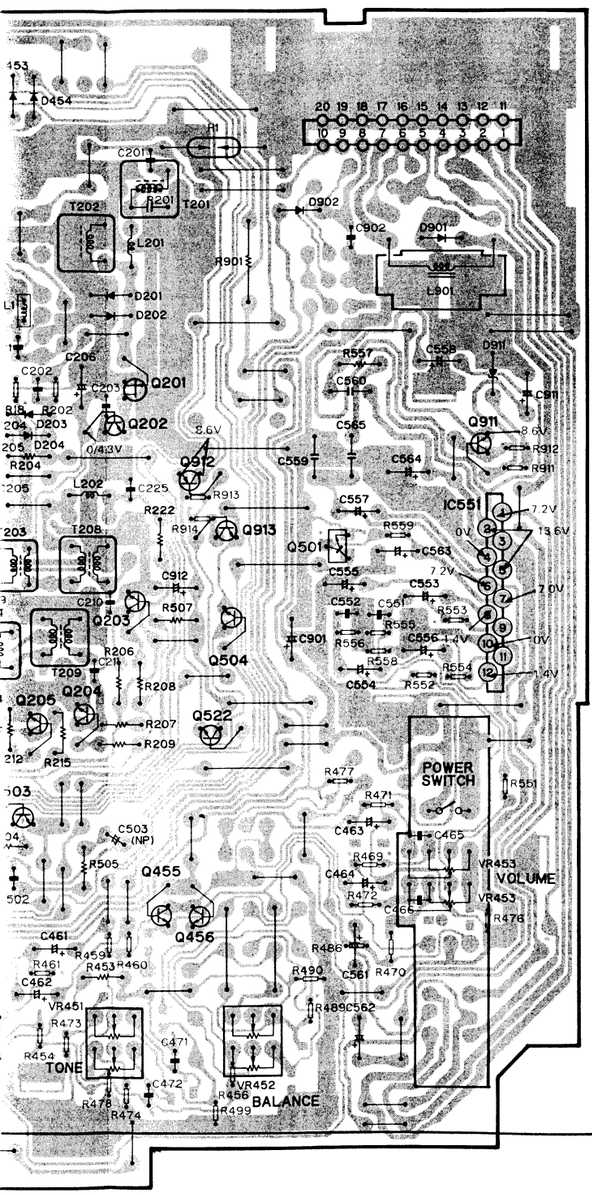


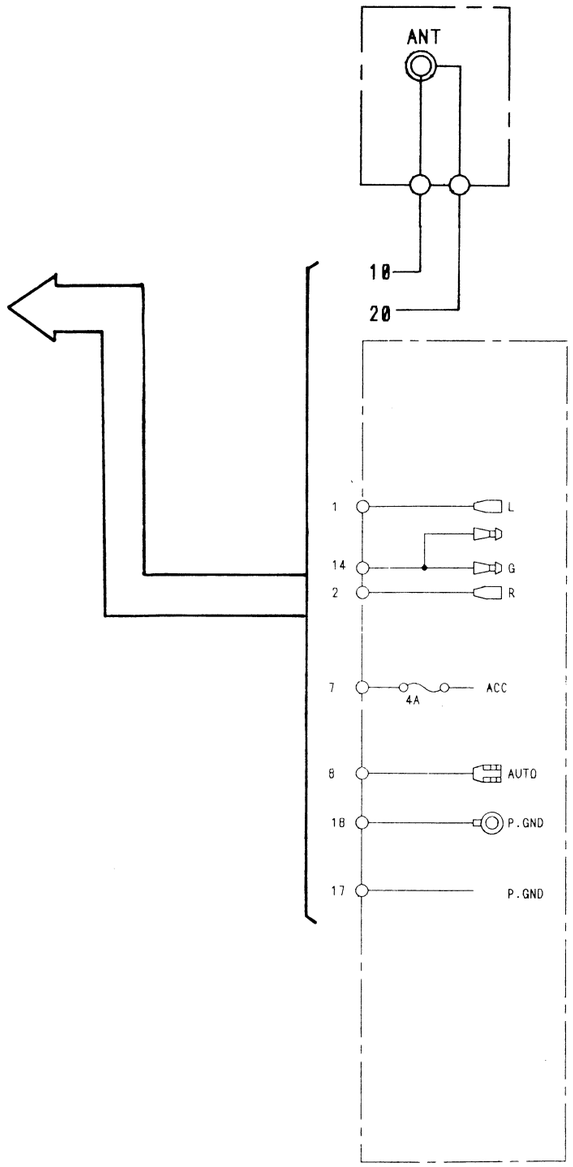
TUNER AMP UNIT

IC, Q: IC251 Q251 IC951 Q151 Q153 Q152 IC1 Q2 Q951 Q952 Q207 Q206 Q3 Q457 Q505 Q502 Q1 Q204 Q503 Q205 Q202 Q201 Q203 Q912 Q456 Q913 Q455 Q504 Q522

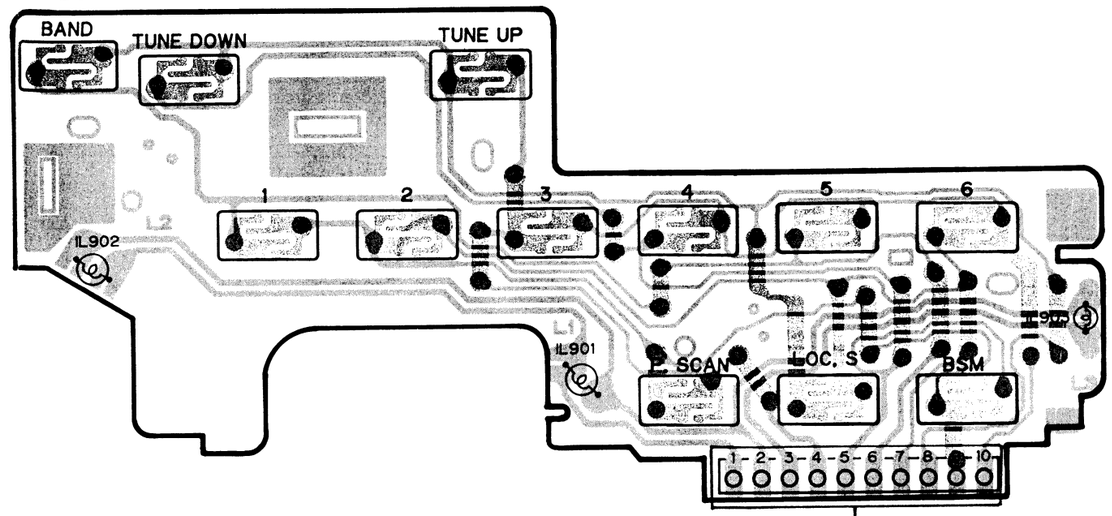
ADJ: VR151 VR152 T51 T1 L5 L4 T210 T205 T207 T206 L2 T204 T203 T208 T209







KEYBOARD UNIT



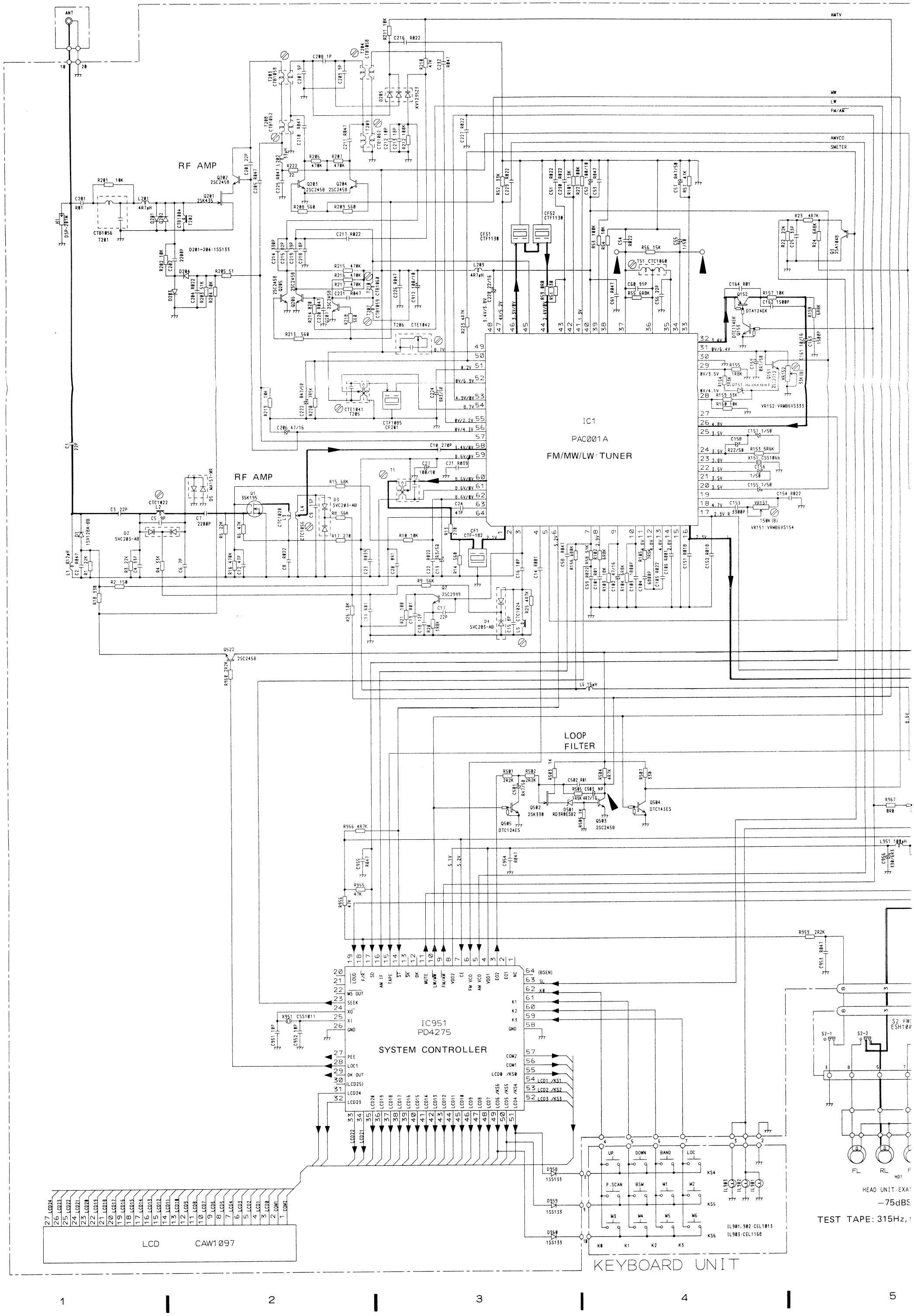
TUNER AMP UNIT: IC1

1	2	3	4	5	6	7	8	9	10
2.1V	0V				5.2V		2.9V		
11	12	13	14	15	16	17	18	19	20
4.8V	4.8V	4.8V	2.8V	0V	2.3V	2.3V	4.7V		3.5V
21	22	23	24	25	26	27	28	29	30
3.5V	3.5V	3.8V	3.5V	3.5V	4.8V		0/4.1V	0/3.5V	0V
31	32	33	34	35	36	37	38	39	40
0/6.4V	3.4V								
41	42	43	44	45	46	47	48	49	50
1.3V			2.4/0V		3.3/0V	4/5.2V	3.4/3.8V	8.7V	
51	52	53	54	55	56	57	58	59	60
0.2V	0/6.9V	4.9/0V	8.7V	0/2.2V	0/4.3V		3.4/0V	8.6/0V	8.6/0V
61	62	63	64						
8.6/0V	8.6/0V								

FM/MW

Fig. 17

17. SCHEMATIC CIRCUIT DIAGRAM (KE-1730B)



NOTE:

Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.

Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022

TUNER AMP UNIT

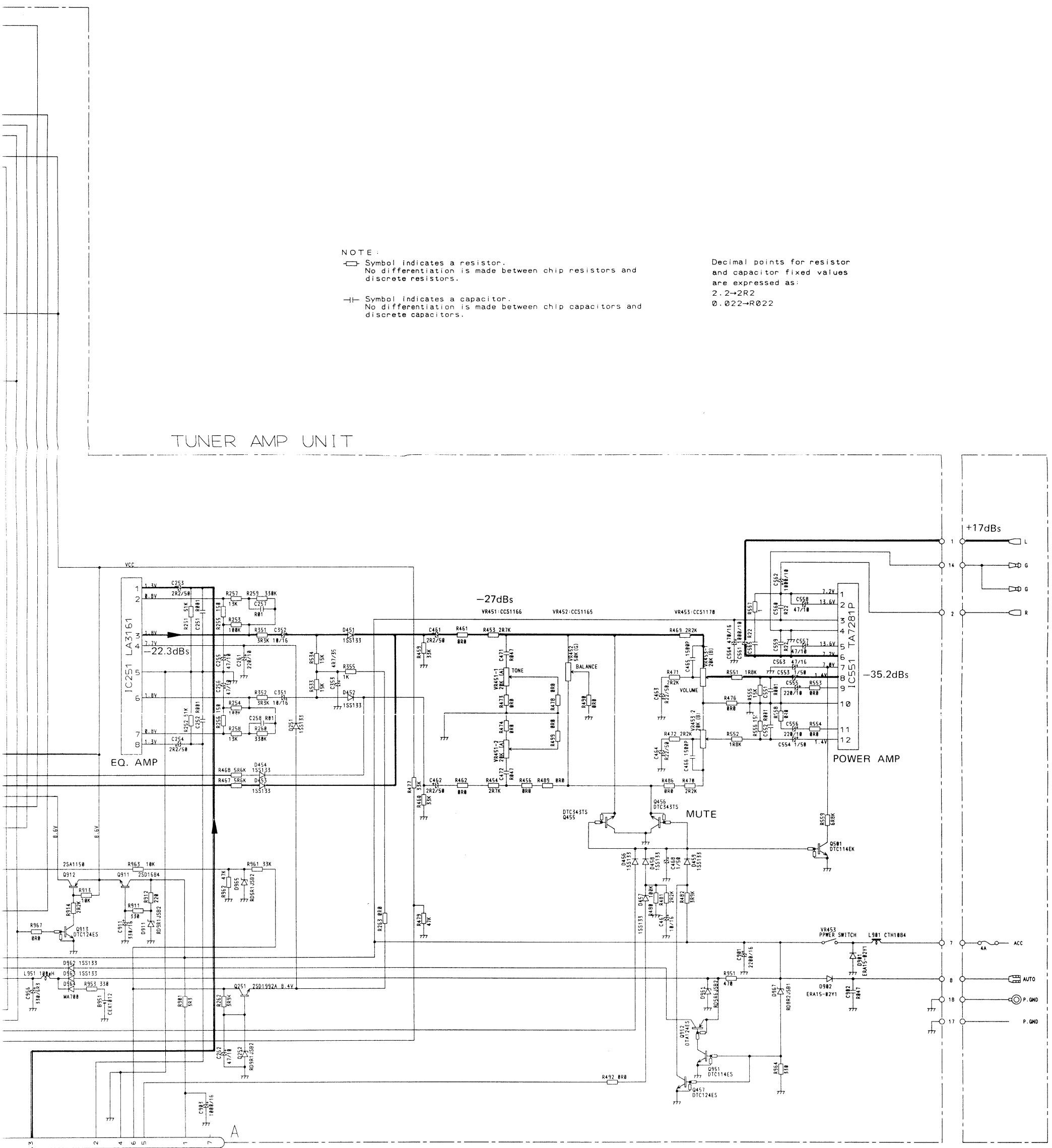
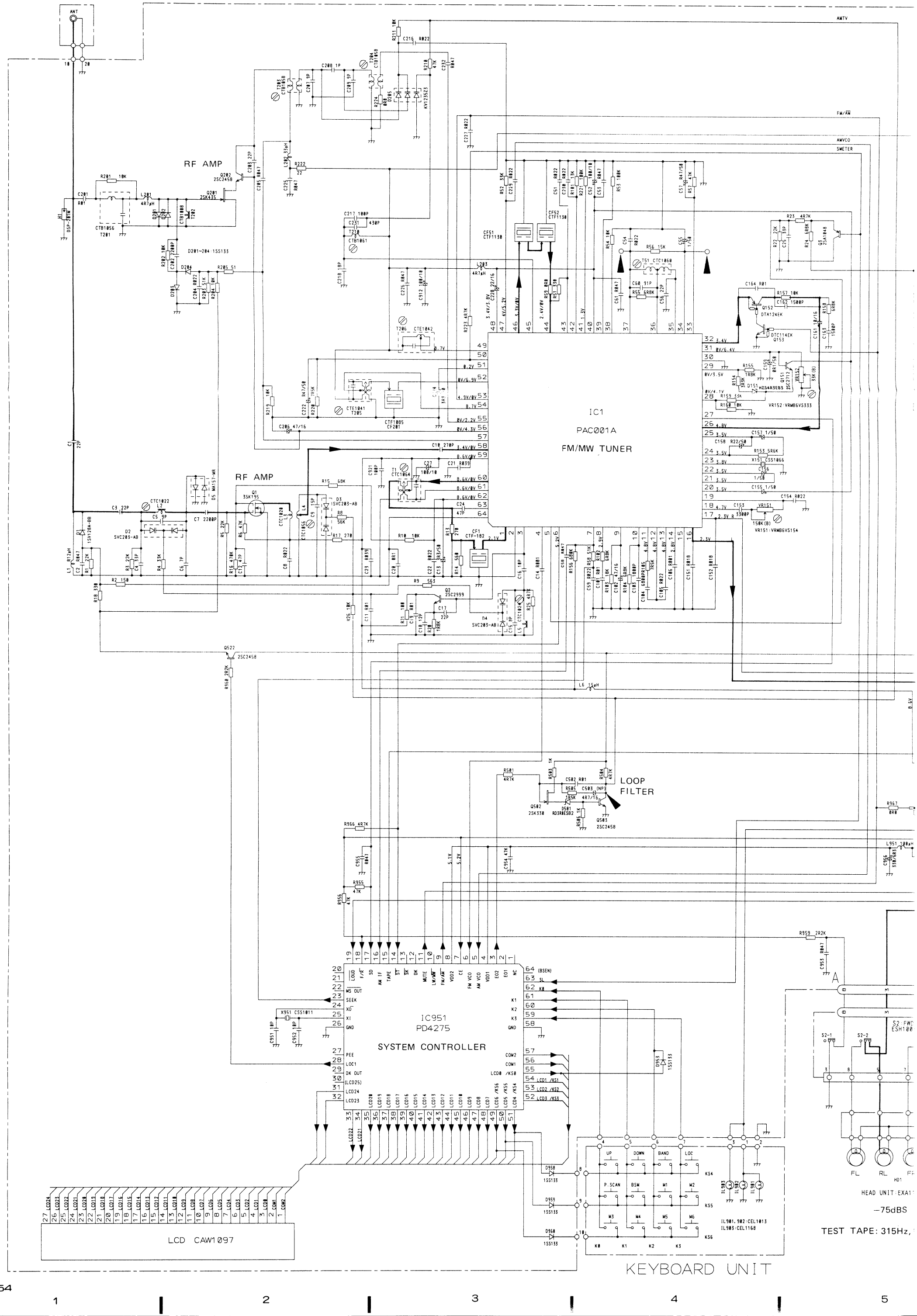


Fig. 18

18. SCHEMATIC CIRCUIT DIAGRAM (KE-1700B)

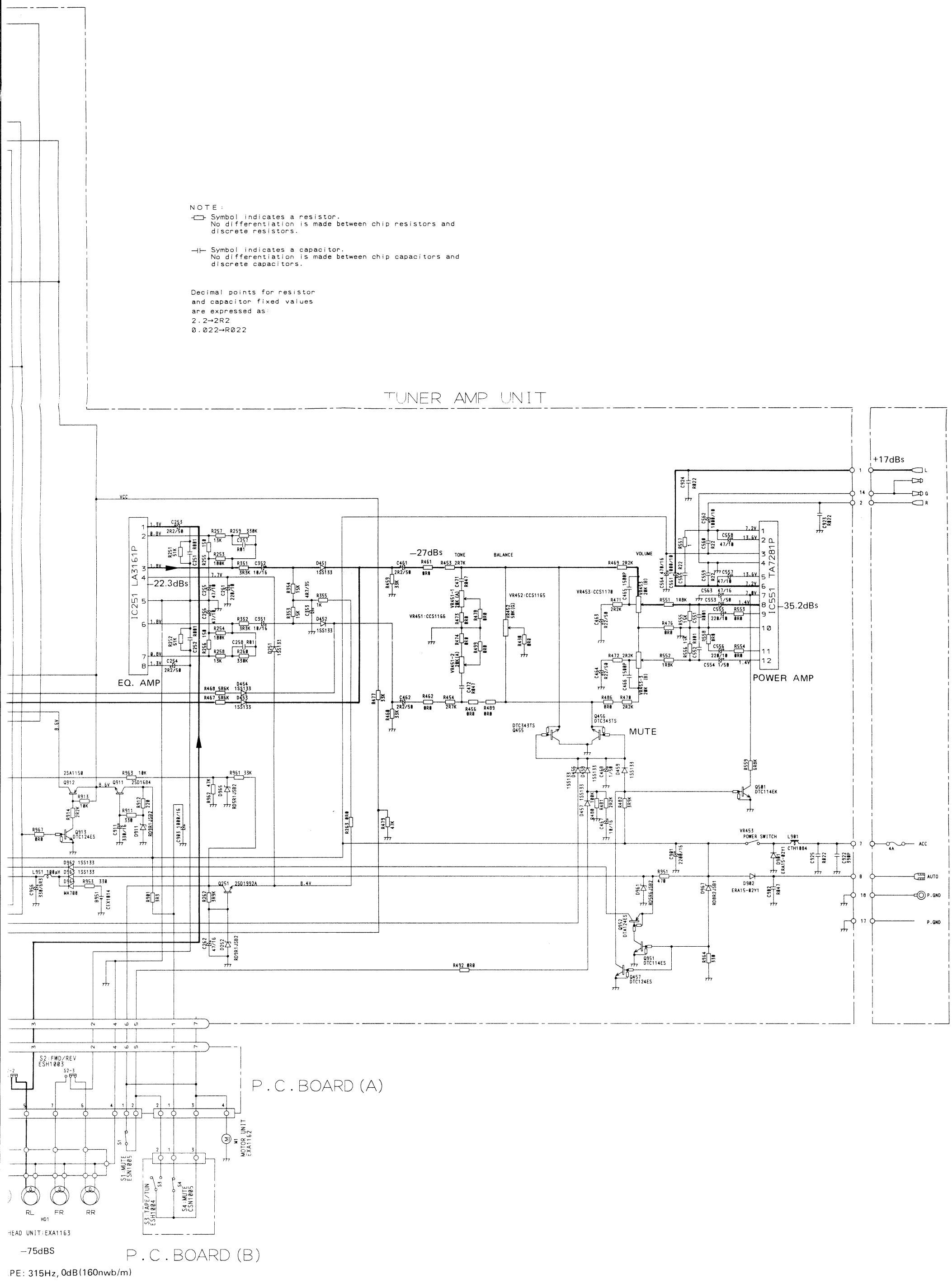


NOTE:

Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.

Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022



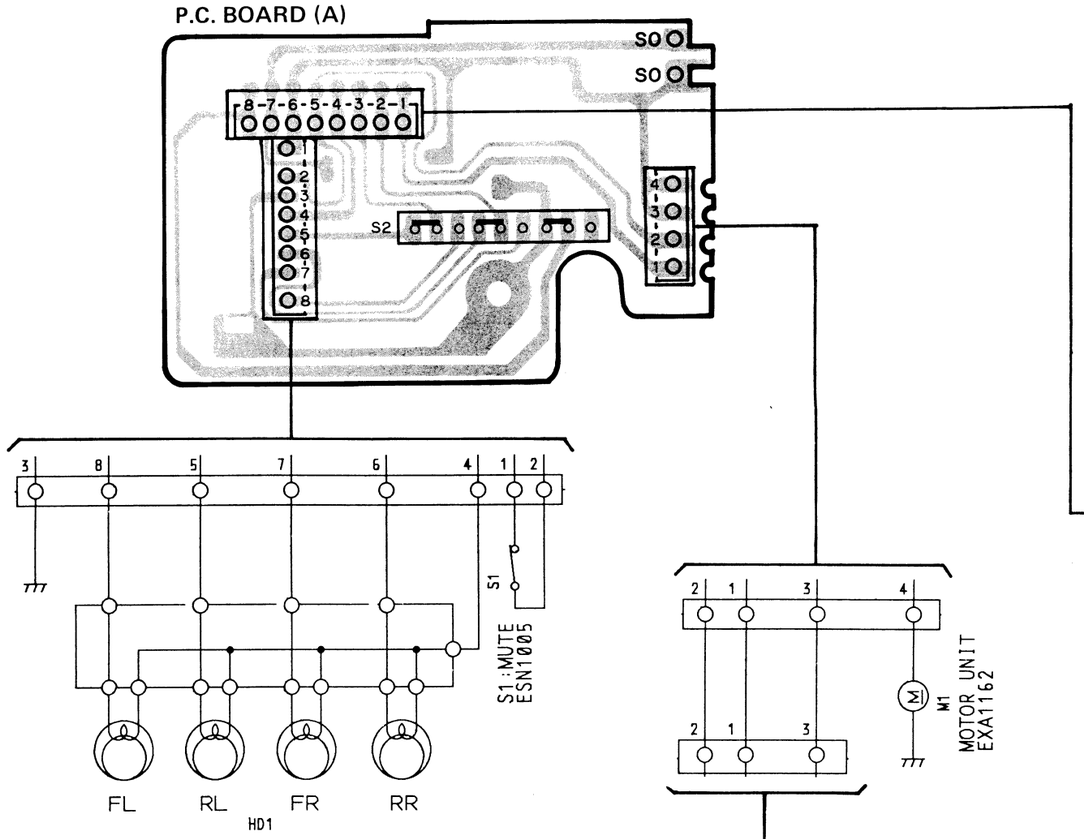
-75dBS

PE: 315Hz, 0dB(160nwb/m)

Fig. 19

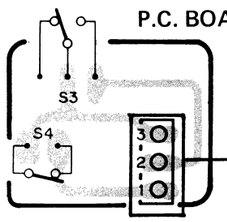
19. CONNECTION DIAGRAM (KE-1700B)

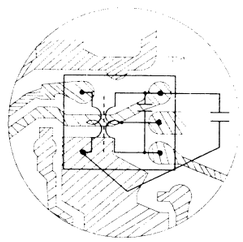
P.C. BOARD (A)



HEAD UNIT:EXA1163

P.C. BOARD (B)

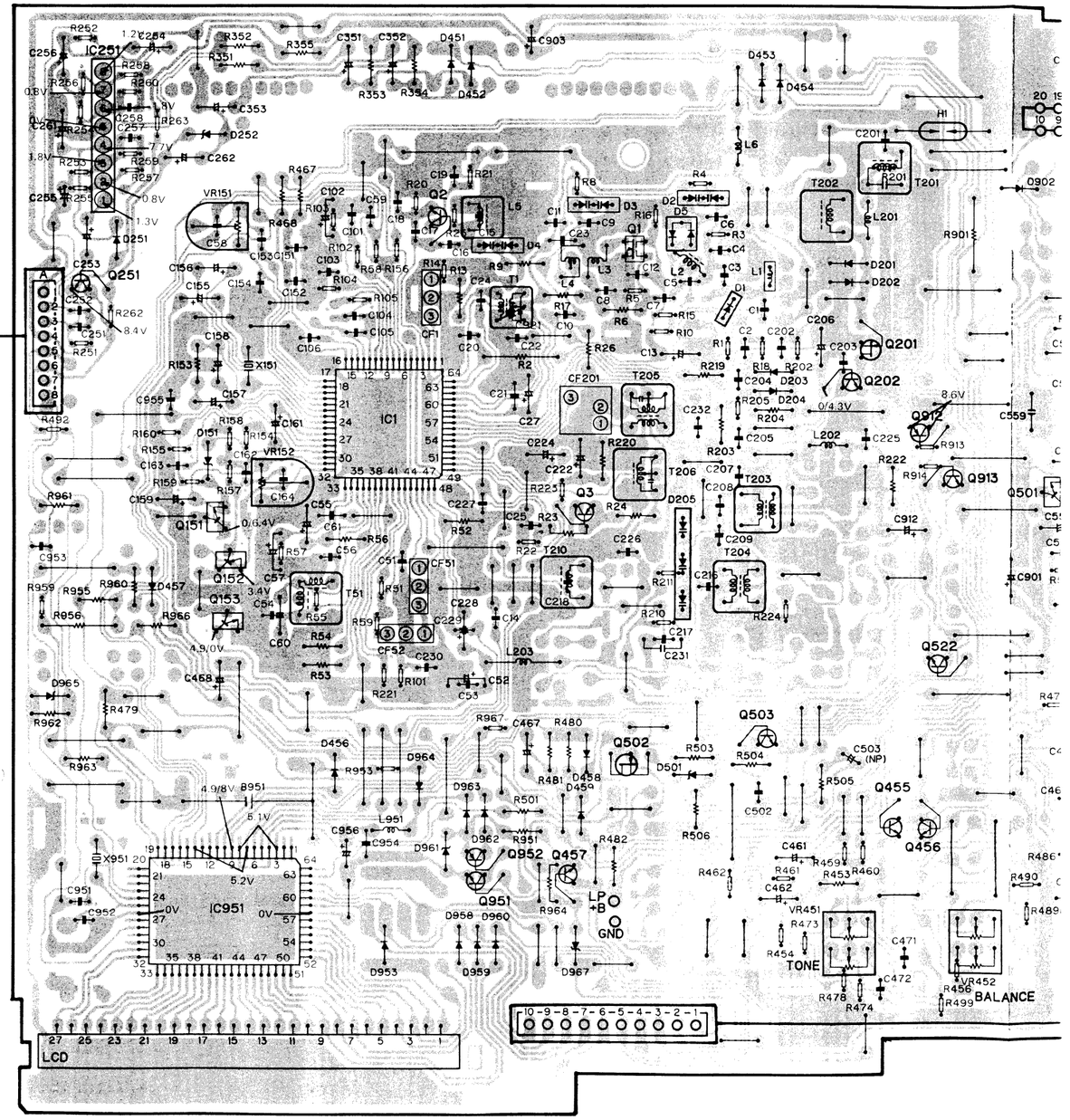


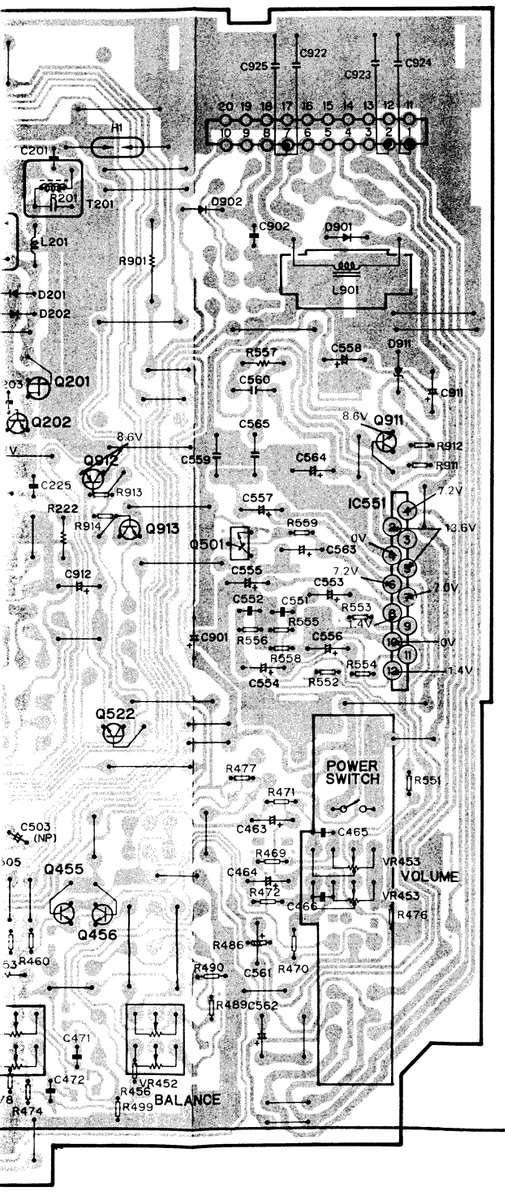


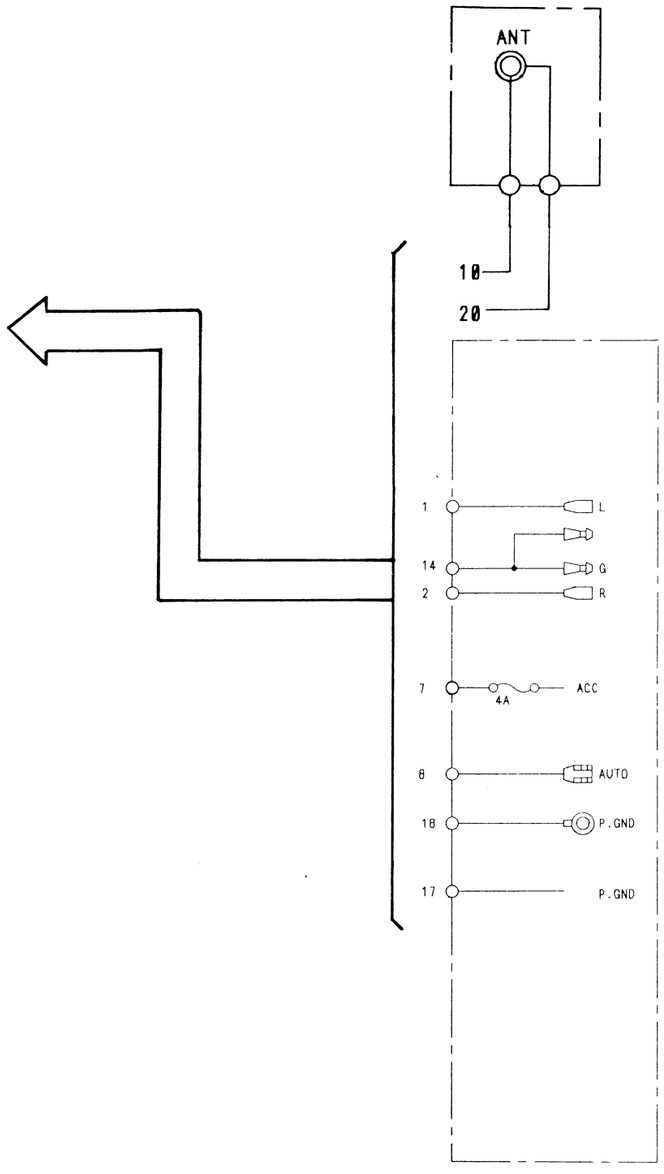
There is a C921 unit fitted with a ceramic capacitor instead of a chip capacitor. Both units are interchangeable with each other.

TUNER AMP UNIT

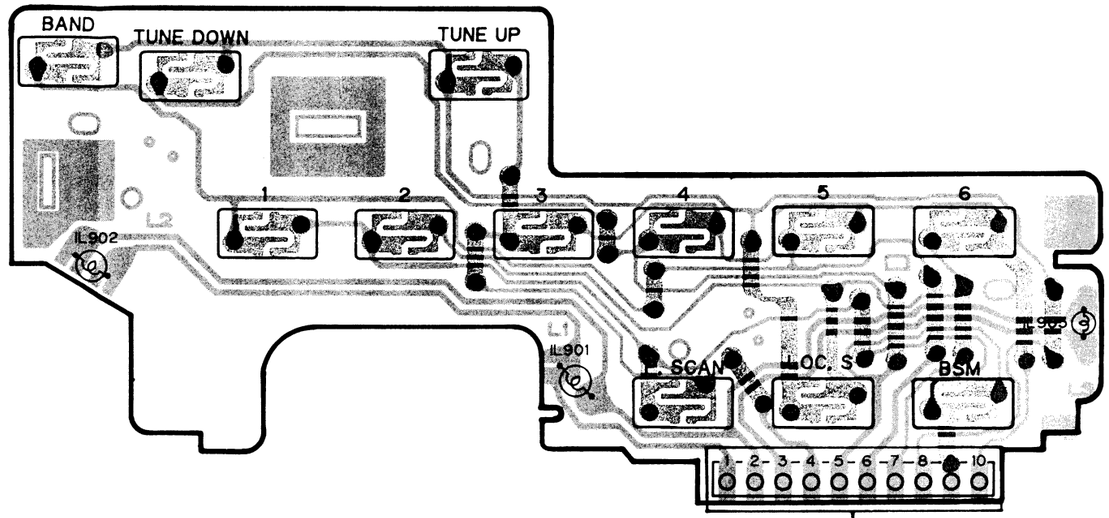
IC, Q	IC251 Q251	IC951 Q151 Q153 Q152	IC1	Q2 Q951 Q952	Q3 Q457 Q502 Q1	Q503	Q202	Q201 Q912 Q913 Q456 Q455 Q522
ADJ		VR151 VR152 T51		T1 L5	L4 T210 T205 T206	L2 T204 T203		







KEYBOARD UNIT



TUNER AMP UNIT: IC1

1	2	3	4	5	6	7	8	9	10
2.1V	0V				5.2V		2.9V		
11	12	13	14	15	16	17	18	19	20
4.8V	4.8V	4.8V	2.8V	0V	2.3V	2.3V	4.7V		3.5V
21	22	23	24	25	26	27	28	29	30
3.5V	3.5V	3.8V	3.5V	3.5V	4.8V		0/4.1V	0/3.5V	0V
31	32	33	34	35	36	37	38	39	40
0/6.4V	3.4V								
41	42	43	44	45	46	47	48	49	50
1.3V			2.4/0V		3.3/0V	4/5.2V	3.4/3.8V	8.7V	
51	52	53	54	55	56	57	58	59	60
0.2V	0/6.9V	4.9/0V	8.7V	0/2.2V	0/4.3V		3.4/0V	8.6/0V	8.6/0V
61	62	63	64						
8.6/0V	8.6/0V								

FM/MW

Fig. 20

20. EXPLODED VIEW

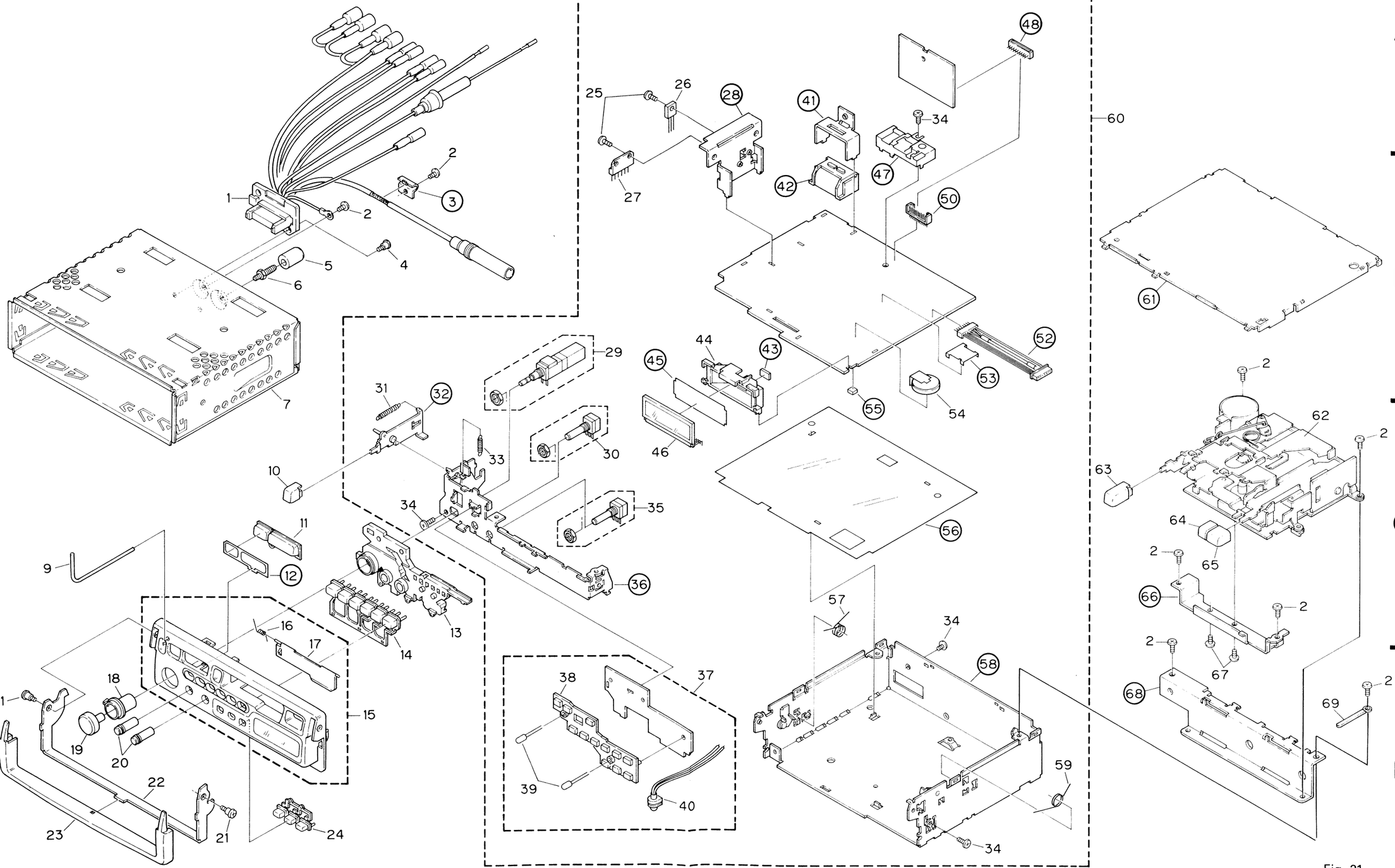


Fig. 21

NOTE:
- Parts wh
- Parts ma
  longer th

- **Parts Lis**

Mark No.	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	

NOTE:
- *Parts whose parts numbers are omitted are subject to being not supplied.*
- *Parts marked by "◉" are not always kept in stock. Their delivery time may be longer than usual or they may be unavailable.*

• Parts List (KE-2700SDK/WG)

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Cord Assy	CDE3289	36	Holder Unit	
2	Screw	BSZ30P060FMC	◉ 37	Key Board Unit	CWM2370
3	Clamper		38	Switch	CNV2519
4	Screw	CBA1073	39	Lamp	CEL1013
5	Bush	CNV1009	40	Lamp	CEL1168
6	Screw	CBA1002	41	Holder	
7	Box	CNB1358	42	Connector	
8	·····		43	Spacer	
9	Shaft	CLP1064	44	Holder	CNV2521
10	Button(QR EJECT)	CAC2548	45	Plate	
11	Button(BAND/TUNE)	CAC2544	46	LCD	CAW1097
12	Spacer		47	Case	
13	Lens	CNV2518	48	Connector	
14	Button(1—6)	CAC2670	49	·····	
15	Grille Unit	CXA3760	50	Plug	
16	Spring	CBH1397	51	·····	
17	Door	CAT1307	52	Connector	
18	Knob(FADER)	CAA1233	53	Shield	
19	Knob(VOLUME)	CAA1234	54	Battery	CEX1014
20	Knob(BASS/TREBLE)	CAA1235	55	Cushion	
21	Screw	CBA1165	56	Insulator	
22	Handle	CNC3262	57	Spring	CBH1374
23	Cover	CNV2520	58	Chassis Unit	
24	Button	CAC2671	59	Spring	CBH1366
25	Screw	BSZ30P080FMC	◉ 60	Tuner Amp Assy	CWM2463
26	Transistor	2SD1684	61	Case	
27	IC	TA7281P	◉ 62	Cassette Mechanism Assy	EXK1710
28	Heat Sink		63	Button(EJECT)	CAC2545
29	Volume(VOLUME)	CCS1163	64	Button(REW)	CAC2547
30	Volume(BASS)	CCS1164	65	Button(FF)	CAC2546
31	Spring	CBH1347	66	Bracket	
32	Lever Unit		67	Screw	BMZ26P040FMC
33	Spring	CBH-846	68	Bracket	
34	Screw	BSZ30P055FZK	69	Clamper	CEF-007
35	Volume(TREBLE)	CCS1164			

NSP:Non Spare Part

Mark No.	Description	KE-2700SDK /WG Part No.	KE-2730B /EW Part No.	KE-2700B /IT Part No.	KE-1700SDK /WG Part No.	KE-1730B /EW Part No.	KE-1700B /IT Part No.
1	Cord Assy	CDE3289	CDE2975	CDE2975	CDE3290	CDE2978	CDE2978
15	Grille Unit	CXA3760	CXA3758	CXA3759	CXA3766	CXA3764	CXA3765
18	Knob(FADER)	CAA1233	CAA1233	CAA1233	·····	·····	·····
29	Volume(VOLUME)	CCS1163	CCS1163	CCS1163	CCS1170	CCS1170	CCS1170
30	Volume(BASS)	CCS1164	CCS1164	CCS1164	CCS1165	CCS1165	CCS1165
35	Volume(TREBLE)	CCS1164	CCS1164	CCS1164	CCS1166	CCS1166	CCS1166
◉ 37	Key Board Unit	CWM2370	CWM2370	CWM2480	CWM2370	CWM2370	CWM2480
39	Lamp	CEL1013	CEL1013	CEL-147	CEL1013	CEL1013	CEL-147
40	Lamp	CEL1168	CEL1168	CEL1167	CEL1168	CEL1168	CEL1167
48	Connector	NSP(A)	·····	·····	NSP(A)	·····	·····
50	Plug	NSP(A)	·····	·····	NSP(A)	·····	·····
54	Battery	CEX1014	CEX1014	CEX1014	CEX1012	CEX1012	CEX1012
58	Chassis Unit	NSP(A)	NSP(B)	NSP(B)	NSP(C)	NSP(B)	NSP(B)
◉ 60	Tuner Amp Assy	CWM2463	CWM2475	CWM2460	CWM2484	CWM2478	CWM2481
61	Case	NSP(A)	NSP(B)	NSP(A)	NSP(A)	NSP(B)	NSP(A)

21. PACKING METHOD

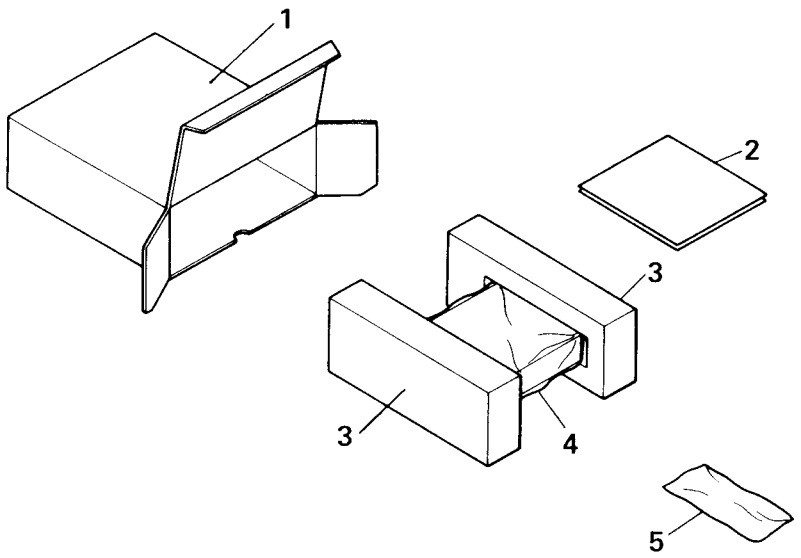


Fig. 22

● **Parts List**

Mark No.	Description	KE-2700SDK /WG Part No.	KE-2730B /EW Part No.	KE-2700B /IT Part No.	KE-1700SDK /WG Part No.	KE-1730B /EW Part No.	KE-1700B /IT Part No
1	Carton	CHG1857	CHG1856	CHG1858	CHG1861	CHG1860	CHG1862
* 2-1	Owner's Manual	CRD1400	CRD1398	CRD1399	CRD1400	CRD1398	CRD1399
2-2	Card						
2-3	Caution Card		·····	·····		·····	·····
2-4	Passport		·····	·····		·····	·····
2-5	Caution Card		·····	·····		·····	·····
3	Styrofoam	CHP1355	CHP1355	CHP1355	CHP1355	CHP1355	CHP1355
4	Polyethylene Bag	CEG-162	CEG-162	CEG-162	CEG-162	CEG-162	CEG-162
* 5	Accessory Assy	CEA1584	CEA1584	CEA1584	CEA1584	CEA1584	CEA1584

*5 Accessory Assy CEA1584		
Mark No.	Description	Part No.
5-1	Screw(×1)	CBA-102
5-2	Screw(×1)	CBA1002
5-3	Strap	CNF-111
5-4	Bush	CNV1009
5-5	Nut(×2)	NF50FMC
5-6	Shaft	CLP1064

* 2-1 Owner's Manual

Part No.	Model	Language
CRD1400	KE-2700SDK/WG KE-1700SDK/WG	German, French
CRD1398	KE-2730B/EW KE-1730B/EW	English, French, German, Norwegian, Dutch
CRD1399	KE-2700B/IT KE-1700B/IT	English, Spanish, Italian, Finnish, Swedish, Portuguese

22. CASSETTE MECHANISM EXPLODED VIEW

- **Parts List**

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Reel Unit	EXA1167	46	Switch	ESH1004
2	Gear Unit	EXA1159	47	Switch	CSN1005
3	Washer	CBF1037	48	Screw	CBA1025
4	Gear	ENV1230	49	Gear	ENV1229
5	Gear	ENV1203	50	Washer	CBF1038
6	Gear	ENV1204	51	Belt	ENT1020
7	Gear	ENV1212	52	Gear	ENV1209
8	Gear	ENV1211	53	Arm Unit	EXA1155
9	Sub Chassis Unit		54	Washer	YE30FUC
10	Arm	ENV1210	55	Spring	EBH1310
11	Screw	BMZ20P025FMC	56	Flywheel Unit	EXA1161
12	Spring	EBH1304	57	Belt	ENT1018
13	Screw	JFZ20P040FNI	58	Arm	ENV1206
14	Collar	ELA1220	59	Spring	EBH1317
15	Shaft		60	Gear	ENV1205
16	Lever	ENC1202	61	Chassis Unit	
17	Washer	EBF1015	62	Screw	JFZ20P025FNI
18	Gear	ENV1268	63	·····	
19	Spring	EBH1313	64	Pulley	ENV1207
20	Spring	EBH1314	65	·····	
21	Lever	ENC1208	66	·····	
22	Spring	EBH1307	67	Plug	
23	Tube		68	P.C.Board	
24	Spring	EBH1306	69	Switch	ESH1003
25	·····		70	Washer	WH23FMC
26	Lever	ENC1209	71	Screw	BSZ23P040FMC
27	Spring	EBH1316	72	Screw	CBA1015
28	Arm	ENC1222	73	Head Unit	EXA1163
29	Spring	EBH1308	74	P.C.Board	ENP1042
30	Washer	YE15FUC	75	Switch	ESN1005
31	Arm	ENC1221	76	Washer	YE20FUC
32	Spring	EBH1305	77	Pinch Roller Unit	EXA1154
33	Frame	ENC1204	78	·····	
34	Arm	ENC1215	79	·····	
35	Shaft	ELA1251	80	Arm	ENC1213
36	Holder	ENC1205	81	Screw	CBA1038
37	Spring	EBH1344	82	Arm	ENV1227
38	Lever	ENV1222	83	Spring	EBH1312
39	Head Base Unit	EXA1152	84	Arm	ENC1212
40	Tube		85	Spring	EBH1309
41	Spring	EBH1315	86	Lever	ENC1206
42	Motor Unit	EXA1162	87	Spring	EBH1309
43	Screw	PMS26P025FUC	88	Lever	ENC1207
44	Screw	CBA1054	89	·····	
45	P.C.Board		90	Pinch Roller Unit	EXA1153

● Cassette Mechanism Assy

Mark	No.	Description	Part No.
	91	·····	
	92	Arm	ENC1220
	93	Spring	EBH1311
	94	Collar	ELA1229
	95	Screw	JGZ17P035FNI
	96	Collar	ELA1252

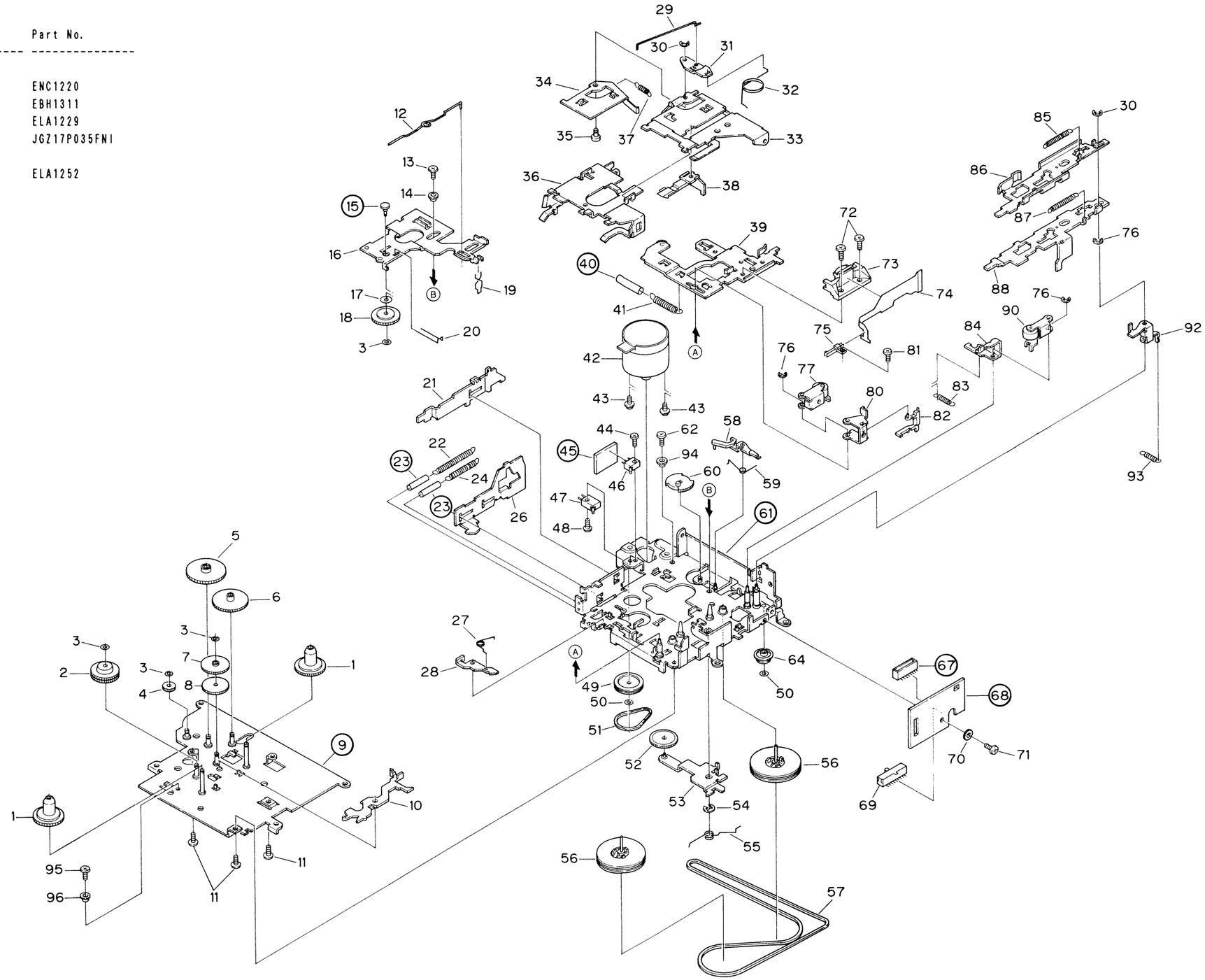


Fig. 23

23. ELECTRICAL PARTS LIST

NOTE:

- *Parts whose parts numbers are omitted are subject to being not supplied.*
- *The part numbers shown below indicate chip components.*
  Chip Resistor
  RS1/8S□□□J, RS1/10S□□□J
  Chip Capacitor (except for CQS.....)
  CKS....., CCS....., CSZS.....

Unit Number :
Unit Name : Keyboard Unit (KE-2700SDK, 1700SDK/WG, KE-2730B, 1730B/EW)

Mark	Circuit Symbol & No.	Part Name	Part No.
IL	901 902	Lamp 14V 40mA	CEL1013
IL	903	Lamp 14V 40mA	CEL1168

Unit Number :
Unit Name : Keyboard Unit (KE-2700B, 1700B/IT)

Mark	Circuit Symbol & No.	Part Name	Part No.
IL	901 902	Lamp 14V 40mA	CEL-147
IL	903	Lamp 14V 40mA	CEL1167

Unit Number :
Unit Name : P. C. Board (A)

Mark	Circuit Symbol & No.	Part Name	Part No.
S	2	Switch (FWD/REV)	ESH1003

Unit Number :
Unit Name : P. C. Board (B)

Mark	Circuit Symbol & No.	Part Name	Part No.
S	3	Switch (TAPE/TUN)	ESH1004
S	4	Switch (MUTE)	CSN1005

Miscellaneous Parts List

Mark	Circuit Symbol & No.	Part Name	Part No.
S	1	Switch (MUTE)	ESN1005
M	1	Motor Unit	EXA1162
HD	1	Head Unit	EXA1163

Tuner Amp Unit
Consists of • SDK P. C. Board (KE-2700SDK, 1700SDK) • Tuner Amp P. C. Board

Unit Number :
Unit Name : Tuner Amp Unit (KE-2700SDK/WG)

MISCELLANEOUS

Mark	Circuit Symbol & No.	Part Name	Part No.
IC	1		PAC001A
IC	251		LA3161P
IC	551		TA7281P
IC	701		LA2220
IC	702		TA75558S

Mark	Circuit Symbol & No.	Part Name	Part No.
IC	951		PD4275
Q	1	Chip Transistor	3SK195
Q	2		2SC2999
Q	3 704		2SA1048
Q	151	Chip Transistor	2SC2712
Q	152	Chip Transistor	DTA124EK
Q	153 501	Chip Transistor	DTC114EK
Q	201		2SK435
Q	202 451 452 503 522 701 702 705		2SC2458
Q	251		2SD1992A
Q	455 456		DTC343TS
Q	457 708		DTC124ES
Q	502		2SK330
Q	703		2SK30A
Q	706		2SC2634NC
Q	707		2SC2712
Q	911		2SD1684
Q	912		2SA1150
Q	913		DTC143ES
Q	951		DTC114ES
Q	952		DTA124ES
D	1	Chip Diode	1SV128A-BB
D	2 3 4	Variable Capacitance Diode	SVC203-AB
D	5	Chip Diode	MA157-MR
D	151		HZS4R3EB3
D	201 202 203 204 251		1SS133
D	205	Variable Capacitance Diode	KV1235Z3
D	252 911		RD9R1JSB2
D	451 452 453 454 456 458 459 701 702		1SS133
D	501		RD3R0ESB2
D	901 902		ERA15-02Y1
D	951 958 959 960 962 963 966 969		1SS133
D	961		RD5R6JSB2
D	964		MA700
D	965		RD5R1JSB2
D	967		RD8R2JSB1
L	1	Inductor 0.12μH	CTF1065
L	2	Coil	CTC1022
L	3	Coil	CTC1020
L	4	Coil	CTC1056
L	5	OSC Coil	CTC1024
L	6	Inductor 15μH	LAU150K
L	201	Ferri-Inductor 4.7μH	LAU4R7K
L	202	Ferri-Inductor 33μH	LAU330K
L	203	Ferri-Inductor 4.7μH	CTF-161
L	701	Micro-Inductor 0.68μH	LAUR68M
L	901	Choke Coil	CTH1084
L	951	Ferri-Inductor 100μH	LAU101K
T	1	Coil	CTC1064
T	51	Coil	CTC1060
T	201	Coil	CTB1056
T	202	Coil	CTB1008
T	203 204	Coil	CTB1058
T	205	Coil	CTE1041
T	206	Coil	CTE1042
T	210	Coil	CTB1061
CF	1	Ceramic Filter	CTF-182
CF	51 52	Ceramic Filter	CTF1130
CF	201	Filter	CTF1085
H	1	Surge Protector	DSP-201M
X	151	Ceramic Resonator	CSS1066
X	702	Ceramic Resonator,	CSS1022
X	951	Crystal Resonator	CSS1011
VR	151	Semi-fixed 150kΩ (B)	VRMB6VS154
VR	152	Semi-fixed 33kΩ (B)	VRMB6VS333
VR	451 452	Volume 20kΩ (U)	CCS1164
VR	453	Volume/Switch 200Ω, 50kΩ (G), 20kΩ (B)	CCS1163
VR	701	Semi-fixed 220Ω (B)	VRMB6VS221
B	951	Battery	CEX1014
		LCD	CAW1097

RESISTORS

Mark	Circuit Symbol & No.	Part Name	Part No.
R	1 3 5 706 736		RS1/10S223J
R	2		RD1/4PS151JL
R	4 459 460		RS1/10S333J
R	6 479 962		RD1/4PS473JL
R	8		RS1/10S563J
R	9		RD1/4PS563JL
R	10 157 201 202 714 716 728		RS1/10S103J
R	13		RD1/4PS271JL
R	14		RS1/10S561J
R	15		RS1/10S683J
R	16		RS1/10S474J
R	17		RD1/4PS271JL
R	18 465 466		RS1/10S331J
R	20		RS1/10S182J
R	21		RS1/10S101J
R	22		RS1/10S223J
R	23		RD1/4PS472JL
R	24		RD1/4PS682JL
R	25 223 702		RS1/10S472J
R	26 204 219 963		RD1/4PS103JL
R	51		RS1/10S331J
R	52		RD1/4PS333JL
R	53 480		RD1/4PS104JL
R	54		RD1/4PS103JL
R	55 722		RS1/10S682J
R	56 353 354 724		RD1/4PS153JL
R	57 210 451 701 713 719 729		RS1/10S473J
R	58		RS1/10S513J
R	59		RS1/10S0R0J
R	101		RS1/10S133J
R	102		RS1/10S682J
R	103		RS1/10S183J
R	104		RS1/10S682J
R	105		RS1/10S752J
R	153		RD1/4PS562JL
R	154		RS1/10S332J
R	155 718		RS1/10S182J
R	156		RS1/10S684J
R	158		RS1/10S682J
R	159		RS1/10S333J
R	160		RS1/10S103J
R	203		RD1/4PS513JL
R	205		RS1/10S510J
R	211		RS1/10S103J
R	220		RD1/4PS752JL
R	221		RS1/10S104J
R	222		RD1/4PS220JL
R	224		RS1/10S0R0J
R	251 252		RS1/10S513J
R	253 254 703 704 705 717 739		RS1/10S104J
R	255 256		RS1/10S151J
R	257 258		RS1/10S133J
R	259 260		RS1/10S334J
R	262		RS1/10S392J
R	263 492		RS1/8S0R0J
R	351 352 355 503 506		RD1/4PS102JL
R	452		RS1/10S473J
R	453 964		RD1/4PS331JL
R	454		RS1/10S331J
R	455		RD1/4PS182JL
R	456 551 552		RS1/10S182J
R	457 458 960		RD1/4PS222JL
R	461 462		RS1/10S474J
R	463 464		RS1/8S132J
R	467 468		RD1/4PS103JL
R	469 470		RS1/8S102J
R	471 472		RS1/8S222J
R	476		RS1/10S2R2J
R	477		RS1/10S333J
R	481 485		RD1/4PS102JL
R	482		RD1/4PS392JL
R	483 484		RS1/10S561J
R	486 487 488 553 554 558 721		RS1/10S0R0J
R	501		RD1/4PS472JL
R	504 715 955 966		RD1/4PS472JL
R	505 723		RD1/4PS152JL
R	555 556		RS1/10S153J
R	557		RD1/4PS010JL
R	559		RS1/10S682J
R	707		RS1/10S181J
R	708 710 711 734		RS1/10S102J
R	709 732		RD1/4PS223JL
R	712		RS1/10S561J
R	720		RS1/10S222J
R	725 727		RS1/10S0R0J
R	726		RS1/10S564J
R	730		RS1/10S823J
R	731		RS1/10S123J
R	735		RS1/8S223J
R	737		RS1/8S473J
R	738		RS1/8S103J
R	901		RD1/2PS3R3JL
R	911		RS1/10S331J
R	912		RS1/10S221J
R	913 967		RS1/10S103J
R	914 959		RS1/10S222J
R	951		RD1/4PS471JL
R	953		RS1/10S331J
R	956		RD1/4PS473JL
R	961		RD1/4PS333JL

CAPACITORS

Mark	Circuit Symbol & No.	Part Name	Part No.
C	1 3 17 56 203		CCSQCH220J50
C	2 53 58 205 226 710 902		CKSQYF473Z50
C	4 25 469 470		CCSQCH330J50
C	5 207 209		CCSQTH090D50
C	6		CCSQTH070D50
C	7 202 706 717		CKSQYB222K50
C	8 22		CKSQYB223K50
C	9		CCSQTH150J50
C	10		CCSQSL271J50
C	11		CKSQYB103K50
C	12		CCSQCH470J50
C	13 224		CEA3R3M50LS
C	14		CKSQYB102K50
C	15		CCSQCH080D50
C	16		CCSQCH100D50
C	18		CCSQCH120J50
C	19 101 164 201 502		CKSQYB103K50
C	20		CKSQYF104Z50
C	21 23		CKSYB393K50
C	24		CCSQCH470J50
C	27 52 912		CEA101M10LS
C	51 54 59 105 154 204 216 227		CKSQYB223K50
C	55 155 156 157		CEA010M50LS2
C	57		CEAR47M50LS2
C	60		CCDLH910J50
C	61 954		CKSYB473K50
C	102 206 563 707 713 724		CEA470M16LS
C	103		CKSQYB182K50
C	104		CKSQYB682K50
C	106		CKSQYB102K50
C	151 152		CKSQYB183J50
C	153		CKSQYB332K50
C	158		CEAR22M50LS2
C	159		CEA0R1M50LS2
C	161 451 452 467 704 714		CEA100M16LS2
C	162 163		CKSQYB152K50
C	165		CKSQYB102K50
C	208		CCSQCH010C50
C	217		CCSQRH101J50
C	218		CCSQUJ180J50
C	222 455 456		CEAR47M50LS2
C	225 232 711 722		CKSQYB473K25
C	228 705		CEA220M16LS
C	229 230 701 709		CKSQYB223K50
C	231		CQPA431G2A
C	251 252		CKSQYB102K50
C	253 254 957		CEA2R2M50LS2
C	255		CEA470M10LS
C	256 262 557 558		CEA470M10L2
C	257 258		CKSQYB103K50
C	261 555 556		CEA221M10L2
C	351 352		CEA100M16L2
C	353		CEA4R7M35L2
C	453 454		CEA0R1M50LS2
C	457 458		CKSQYB153K50
C	459 460		CKSYB393K25
C	461 462		CEALNP2R2M35
C	463 464		CEAR22M50L2
C	465 466		CKSQYB152K50
C	468		CEA010M50LS2
C	503	4.7μF/16V	CCH1005
C	551 552		CKSQYB102K50
C	553 554		CEA010M50L2
C	559 560 565		CQEA224J63
C	561 562		CEA102M10L2
C	564		CEA471M16L2
C	702 703		CKSQYB391K50
C	708		CCSQSL271J50
C	712		CEA010M50LS2
C	715 716		CQMA102J50
C	718		CQMA683J50
C	719		CEAR33M50LS2
C	720 721		CQMA473J50
C	723		CEA471M16L2
C	901		CEA222M16L2
C	903		CEA331M16L2
C	911		CEA331M16L2
C	921		CCSQSL101J50
C	922		CKDYB391K50
C	923 924 925		CKPYF223Z25L
C	926 927		CKPYF223Z25L
C	951 952		CCSQCH100D50
C	955		CKSQYF473Z50
C	956		CEA331M6R3L2
C	958		CEA220M16LS

Tuner Amp Unit

MISCELLANEOUS

Circuit Symbol & No.	KE-2700SDK/WG Part No.	KE-2730B/EW Part No.	KE-2700B/IT Part No.
IC701	LA2220	-----	-----
IC702	TA75558S	-----	-----
Q203, 204, 205, 206, 207	-----	2SC2458	-----
Q504	-----	DTC143ES	-----
Q505	-----	DTC124ES	-----
Q701, 702, 705	2SC2458	-----	-----
Q703	2SK30A	-----	-----
Q704	2SA1048	-----	-----
Q706	2SC2634NC	-----	-----
Q707	2SC2712	-----	-----
Q708	DTC124ES	-----	-----
Q913	DTC143ES	DTC124ES	DTC124ES
D457	-----	1SS133	1SS133
D701, 702, 951, 966, 969	1SS133	-----	-----
D953	-----	-----	1SS133
L701	LAUR68M	-----	-----
T202	CTB1008	CTB1004	CTB1008
T207	-----	CTB1059	-----
T208, 209	-----	CTB1062	-----
T210	CTB1061	CTB1060	CTB1061
X702	CSS1022	-----	-----
VR701	VRMB6VS221	-----	-----

RESISTORS

Circuit Symbol & No.	KE-2700SDK/WG Part No.	KE-2730B/EW Part No.	KE-2700B/IT Part No.
R206, 207, 215	-----	RD1/4PS474JL	-----
R208, 209, 213, 218	-----	RD1/4PS561JL	-----
R212	-----	RD1/4PS104JL	-----
R214	-----	RS1/10S821J	-----
R216, 217	-----	RS1/10S474J	-----
R224	RS1/10S0R0J	-----	RS1/10S0R0J
R463, 464	RS1/8S132J	RS1/8S122J	RS1/8S122J
R476	RS1/10S2R2J	RS1/10S0R0J	RS1/10S0R0J
R481	RD1/4PS102JL	RD1/4PS222JL	RD1/4PS222JL
R485	RD1/4PS102JL	-----	-----

Circuit Symbol & No.	KE-2700SDK/WG Part No.	KE-2730B/EW Part No.	KE-2700B/IT Part No.
R501	RD1/4PS472JL	RD1/4PS222JL	RD1/4PS472JL
R502	·····	RD1/4PS222JL	·····
R507	·····	RD1/4PS331JL	·····
R701, 713, 719, 729	RS1/10S473J	·····	·····
R702	RS1/10S472J	·····	·····
R703, 704, 705, 717	RS1/10S104J	·····	·····
R706, 736	RS1/10S223J	·····	·····
R707	RS1/10S181J	·····	·····
R708, 710, 711, 734	RS1/10S102J	·····	·····
R709, 732	RD1/4PS223JL	·····	·····
R712	RS1/10S561J	·····	·····
R714, 716, 728	RS1/10S103J	·····	·····
R715, 955	RD1/4PS472JL	·····	·····
R718	RS1/10S182J	·····	·····
R720	RS1/10S222J	·····	·····
R721	RS1/10S0R0J	·····	·····
R722	RS1/10S682J	·····	·····
R723	RD1/4PS152JL	·····	·····
R724	RD1/4PS153JL	·····	·····
R725, 727	RS1/10S0R0J	·····	·····
R726	RS1/10S564J	·····	·····
R730	RS1/10S823J	·····	·····
R731	RS1/10S123J	·····	·····
R735	RS1/8S223J	·····	·····
R737	RS1/8S473J	·····	·····
R738	RS1/8S103J	·····	·····
R739	RS1/10S104J	·····	·····
R955	·····	RD1/4PS473JL	RD1/4PS473JL
R967	RS1/10S103J	RS1/10S0R0J	RS1/10S0R0J

CAPACITORS

Circuit Symbol & No.	KE-2700SDK/WG Part No.	KE-2730B/EW Part No.	KE-2700B/IT Part No.
C165	CKSQYB102K50	·····	·····
C210, 211, 220, 221	·····	CKSQYF473Z50	·····
C212	·····	CCSQRH101J50	·····
C213	·····	CCSQCH180J50	·····
C214	·····	CQPA331G2A	·····
C215	·····	CCSQRH820J50	·····
C217	CCSQRH101J50	CKSQYB223K50	CCSQRH101J50
C219	·····	CCSQSH390J50	·····
C231	CQPA431G2A	·····	CQPA431G2A
C501	·····	CEAR47M50LS2	·····
C701, 709	CKSQYB223K50	·····	·····
C702, 703	CKSQYB391K50	·····	·····
C704, 714	CEA100M16LS2	·····	·····
C705	CEA220M16LS	·····	·····
C706, 717	CKSQYB222K50	·····	·····
C707, 713, 724	CEA470M16LS	·····	·····
C708	CCSQSL271J50	·····	·····
C710	CKSQYF473Z50	·····	·····
C711, 722	CKSQYB473K25	·····	·····
C712	CEA010M50LS2	·····	·····
C715, 716	CQMA102J50	·····	·····
C718	CQMA683J50	·····	·····
C719	CEAR33M50LS2	·····	·····
C720, 721	CQMA473J50	·····	·····
C723	CEA471M16L2	·····	·····
C903	CEA331M16L2	CEA102M16L2	CEA102M16L2
C921	CCSQSL101J50	·····	CCSQSL101J50
C922	CKDYB391K50	·····	CKDYB391K50
C923, 924, 925	CKPYF223Z25L	·····	CKPYF223Z25L
C926, 927	CKPYF223Z25L	·····	CKPYF223Z25L
C953	·····	CKSQYF473Z50	CKSQYF473Z50
C957	CEA2R2M50LS2	·····	·····
C958	CEA220M16LS	·····	·····

Unit Number :
Unit Name : Tuner Amp Unit(KE-1700SDK/WG)

MISCELLANEOUS

Mark	Circuit Symbol & No.	Part Name	Part No.
	IC 1		PAC001A
	IC 251		LA3161P
	IC 551		TA7281P
	IC 701		LA2220
	IC 702		TA75558S
	IC 951		PD4275
	Q 1	Chip Transistor	3SK195
	Q 2		2SC2999
	Q 3 704		2SA1048
	Q 151	Chip Transistor	2SC2712
	Q 152	Chip Transistor	DTA124EK
	Q 153 501	Chip Transistor	DTC114EK
	Q 201		2SK435
	Q 202 503 522 701 702 705		2SC2458
	Q 251		2SD1992A
	Q 455 456		DTC343TS
	Q 457 708		DTC124ES
	Q 502		2SK330
	Q 703		2SK30A
	Q 706		2SC2634NC
	Q 707		2SC2712
	Q 911		2SD1684
	Q 912		2SA1150
	Q 913		DTC143ES
	Q 951		DTC114ES
	Q 952		DTA124ES
	D 1	Chip Diode	1SV128A-BB
	D 2 3 4	Variable Capacitance Diode	SVC203-AB
	D 5	Chip Diode	MA157-MR
	D 151		HZS4R3EB3
	D 201 202 203 204 251		1SS133
	D 205	Variable Capacitance Diode	KV1235Z3
	D 252 911		RD9R1JSB2
	D 451 452 453 454 456 458 459 701 702		1SS133
	D 501		RD3R0ESB2
	D 901 902		ERA15-02Y1
	D 951 958 959 960 962 963 966 969		1SS133
	D 961		RD5R6JSB2
	D 964		MA700
	D 965		RD5R1JSB2
	D 967		RD8R2JSB1
	L 1	Inductor 0.12μH	CTF1065
	L 2	Coil	CTC1022
	L 3	Coil	CTC1020
	L 4	Coil	CTC1056
	L 5	OSC Coil	CTC1024
	L 6	Inductor 15μH	LAU150K
	L 201	Ferri-Inductor 4.7μH	LAU4R7K
	L 202	Ferri-Inductor 33μH	LAU330K
	L 203	Ferri-Inductor 4.7μH	CTF-161
	L 701	Micro-Inductor 0.68μH	LAUR68M
	L 901	Choke Coil	CTH1084
	L 951	Ferri-Inductor 100μH	LAU101K
	T 1	Coil	CTC1064
	T 51	Coil	CTC1060

Mark	Circuit Symbol & No.	Part Name	Part No.
T	201	Coil	CTB1056
T	202	Coil	CTB1008
T	203 204	Coil	CTB1058
T	205	Coil	CTE1041
T	206	Coil	CTE1042
T	210	Coil	CTB1061
CF	1	Ceramic Filter	CTF-182
CF	51 52	Ceramic Filter	CTF1130
CF	201	Filter	CTF1085
H	1	Surge Protector	DSP-201M
X	151	Ceramic Resonator	CSS1066
X	702	Ceramic Resonator	CSS1022
X	951	Crystal Resonator	CSS1011
VR	151	Semi-fixed 150kΩ (B)	VRMB6VS154
VR	152	Semi-fixed 33kΩ (B)	VRMB6VS333
VR	451	Volume 20kΩ (A)	CCS1166
VR	452	Volume 50kΩ (G)	CCS1165
VR	453	Volume/Switch 20kΩ (B)	CCS1170
VR	701	Semi-fixed 220Ω (B)	VRMB6VS221
B	951	Battery	CEX1014
		LCD	CAW1097

RESISTORS

Mark	Circuit Symbol & No.	Part Name	Part No.
R	1 3 5 706 736		RS1/10S223J
R	2		RD1/4PS151JL
R	4 459 460		RS1/10S333J
R	6 479 962		RD1/4PS473JL
R	8		RS1/10S563J
R	9		RD1/4PS563JL
R	10 157 201 202 714 716 728		RS1/10S103J
R	13		RD1/4PS271JL
R	14		RS1/10S561J
R	15		RS1/10S683J
R	16		RS1/10S474J
R	17		RD1/4PS271JL
R	18		RS1/10S331J
R	20		RS1/10S182J
R	21		RS1/10S101J
R	22		RS1/10S223J
R	23		RD1/4PS472JL
R	24		RD1/4PS682JL
R	25 223 702		RS1/10S472J
R	26 204 219 963		RD1/4PS103JL
R	51		RS1/10S331J
R	52		RD1/4PS333JL
R	53 480		RD1/4PS104JL
R	54		RD1/4PS103JL
R	55		RS1/10S682J
R	56 353 354 724		RD1/4PS153JL
R	57 210 701 713 719 729		RS1/10S473J
R	58		RS1/10S513J
R	59		RS1/10S0R0J
R	101		RS1/10S133J
R	102		RS1/10S682J
R	103		RS1/10S183J
R	104 722		RS1/10S682J
R	105		RS1/10S752J
R	153		RD1/4PS562JL
R	154		RS1/10S332J
R	155 718		RS1/10S182J
R	156		RS1/10S684J
R	158		RS1/10S682J
R	159		RS1/10S333J
R	160		RS1/10S103J
R	203		RD1/4PS513JL
R	205		RS1/10S510J
R	211		RS1/10S103J
R	220		RD1/4PS752JL
R	221		RS1/10S104J
R	222		RD1/4PS220JL
R	224 456 461 462 473 474 478		RS1/10S0R0J
R	251 252		RS1/10S513J
R	253 254 703 704 705 717 739		RS1/10S104J
R	255 256		RS1/10S151J
R	257 258		RS1/10S133J
R	259 260		RS1/10S334J
R	262		RS1/10S392J
R	263 490 492		RS1/8S0R0J
R	351 352		RD1/4PS332JL
R	355 503 506		RD1/4PS102JL
R	453		RD1/4PS272JL
R	454		RS1/10S272J
R	467 468		RD1/4PS562JL
R	469 470		RS1/8S222J
R	471		RS1/8S222J
R	472		RS1/8S222J
R	476		RS1/10S2R7J
R	477		RS1/10S333J
R	481 485		RD1/4PS102JL
R	482		RD1/4PS392JL
R	486 489 499 553 554 558 721		RS1/10S0R0J
R	501 504 715 955 966		RD1/4PS472JL
R	505 723		RD1/4PS152JL
R	551 552		RS1/10S182J
R	555 556		RS1/10S153J
R	557		RD1/4PS010JL
R	559		RS1/10S682J
R	707		RS1/10S181J
R	708 710 711 734		RS1/10S102J
R	709 732		RD1/4PS223JL
R	712		RS1/10S561J
R	720		RS1/10S222J
R	725 727		RS1/10S0R0J
R	726		RS1/10S564J
R	730		RS1/10S823J
R	731		RS1/10S123J
R	735		RS1/8S223J
R	737		RS1/8S473J
R	738		RS1/8S103J
R	901		RD1/2PS3R3JL
R	911		RS1/10S331J
R	912		RS1/10S221J
R	913 967		RS1/10S103J
R	914 959		RS1/10S222J
R	951		RD1/4PS471JL
R	953		RS1/10S331J
R	956		RD1/4PS473JL
R	960		RD1/4PS222JL
R	961		RD1/4PS333JL
R	964		RD1/4PS331JL

CAPACITORS

Mark	Circuit Symbol & No.	Part Name	Part No.
C	1 3 17 56 203		CCSQCH220J50
C	2 53 58 205 226 710 902		CKSQYF473Z50
C	4 25		CCSQCH330J50
C	5 207 209		CCSQTH090D50
C	6		CCSQTH070D50
C	7 202 706 717		CKSQYB222K50
C	8 22		CKSQYB223K50
C	9		CCSQTH150J50
C	10		CCSQSL271J50
C	11		CKSQYB103K50
C	12		CCSQCH470J50
C	13 224		CEA3R3M50LS
C	14		CKSQYB102K50
C	15		CCSQCH080D50
C	16		CCSQCH100D50
C	18		CCSQCH120J50
C	19 101 164 201 502		CKSQYB103K50
C	20		CKSQYF104Z50
C	21 23		CKSYB393K50
C	24		CCSQCH470J50
C	27 52 912		CEA101M10LS
C	51 54 59 105 154 204 216 227		CKSQYB223K50
C	55 155 156 157		CEA010M50LS2
C	57		CEAR47M50LS2
C	60		CCDLH910J50
C	61 954		CKSYB473K50
C	102 206 563 707 713 724		CEA470M16LS
C	103		CKSQYB182K50
C	104		CKSQYB682K50
C	106		CKSQYB102K50
C	151 152		CKSQYB183J50
C	153		CKSQYB332K50
C	158		CEAR22M50LS2
C	159		CEA0R1M50LS2
C	161 467		CEA100M16LS2
C	162 163		CKSQYB152K50
C	165		CKSQYB102K50
C	208		CCSQCH010C50
C	217		CCSQRH101J50
C	218		CCSQUJ180J50
C	222		CEAR47M50LS2
C	225 232		CKSQYB473K25
C	228 705		CEA220M16LS
C	229 230 701 709		CKSQYB223K50
C	231		CQPA431G2A
C	251 252		CKSQYB102K50
C	253 254 957		CEA2R2M50LS2
C	255		CEA470M10LS
C	256 262 557 558		CEA470M10L2
C	257 258		CKSQYB103K50
C	261 555 556		CEA221M10L2
C	351 352 704 714		CEA100M16L2
C	353		CEA4R7M35L2
C	461 462		CEA2R2M50LS2
C	463 464		CEAR22M50L2
C	465 466		CKSQYB152K50
C	468		CEA010M50LS2
C	471 472		CKSQYB473K50
C	503	4.7μF/16V	CCH1005
C	551 552		CKSQYB102K50
C	553 554		CEA010M50L2
C	559 560 565		CQEA224J63
C	561 562		CEA102M10L2
C	564		CEA471M16L2
C	702 703		CKSQYB391K50
C	708		CCSQSL271J50
C	711 722		CKSQYF473Z25
C	712		CEA010M50LS2
C	715 716		CQMA102J50
C	718		CQMA683J50
C	719		CEAR33M50LS2
C	720 721		CQMA473J50
C	723		CEA471M16L2
C	901		CEA222M16L2
C	903		CEA331M16L2
C	911		CEA331M16L2
C	921		CCSQSL101J50
C	922		CKDYB391K50
C	923 924 925		CKPYF223Z25L
C	951 952		CCSQCH100D50
C	955		CKSQYF473Z50
C	956		CEA331M6R3L2
C	958		CEA220M16LS

Tuner Amp Unit
MISCELLANEOUS

Circuit Symbol & No.	KE-1700SDK/WG Part No.	KE-1730B/EW Part No.	KE-1700B/IT Part No.
IC701	LA2220	·····	·····
IC702	TA75558S	·····	·····
Q203, 204, 205, 206, 207	·····	2SC2458	·····
Q504	·····	DTC143ES	·····
Q505	·····	DTC124ES	·····
Q701, 702, 705	2SC2458	·····	·····
Q703	2SK30A	·····	·····
Q704	2SA1048	·····	·····
Q706	2SC2634NC	·····	·····
Q707	2SC2712	·····	·····
Q708	DTC124ES	·····	·····
Q913	DTC143ES	DTC124ES	DTC124ES
D457	·····	1SS133	1SS133
D701, 702	1SS133	·····	·····
D951, 966, 969	1SS133	·····	·····
D953	·····	·····	1SS133
L701	LAUR68M	·····	·····
T202	CTB1008	CTB1004	CTB1008
T207	·····	CTB1059	·····
T208, 209	·····	CTB1062	·····
T210	CTB1061	CTB1060	CTB1061
X702	CSS1022	·····	·····
VR701	VRMB6VS221	·····	·····

RESISTORS

Circuit Symbol & No.	KE-1700SDK/WG Part No.	KE-1730B/EW Part No.	KE-1700B/IT Part No.
R206, 207, 215	·····	RD1/4PS474JL	·····
R208, 209, 213, 218	·····	RD1/4PS561JL	·····
R212	·····	RD1/4PS104JL	·····
R214	·····	RS1/10S821J	·····
R216, 217	·····	RS1/10S474J	·····
R224	RS1/10S0R0J	·····	RS1/10S0R0J
R476	RS1/10S2R7J	RS1/10S0R0J	RS1/10S0R0J
R481	RD1/4PS102JL	RD1/4PS222JL	RD1/4PS222JL
R485	RD1/4PS102JL	·····	·····
R501	RD1/4PS472JL	RD1/4PS222JL	RD1/4PS472JL
R502	·····	RD1/4PS222JL	·····
R507	·····	RD1/4PS331JL	·····
R701, 713, 719, 729	RS1/10S473J	·····	·····
R702	RS1/10S472J	·····	·····
R703, 704, 705, 717, 739	RS1/10S104J	·····	·····
R706, 736	RS1/10S223J	·····	·····
R735	RS1/8S223J	·····	·····
R707	RS1/10S181J	·····	·····
R708, 710, 711, 734	RS1/10S102J	·····	·····
R709, 732	RD1/4PS223JL	·····	·····
R712	RS1/10S561J	·····	·····
R714, 716, 728	RS1/10S103J	·····	·····
R715	RD1/4PS472JL	·····	·····
R718	RS1/10S182J	·····	·····
R720	RS1/10S222J	·····	·····
R721	RS1/10S0R0J	·····	·····
R722	RS1/10S682J	·····	·····
R723	RD1/4PS152JL	·····	·····
R724	RD1/4PS153JL	·····	·····
R725, 727	RS1/10S0R0J	·····	·····
R726	RS1/10S564J	·····	·····
R730	RS1/10S823J	·····	·····
R731	RS1/10S123J	·····	·····
R737	RS1/8S473J	·····	·····
R738	RS1/8S103J	·····	·····
R955	RD1/4PS472JL	RD1/4PS473JL	RD1/4PS473JL
R967	RS1/10S103J	RS1/10S0R0J	RS1/10S0R0J

CAPACITORS

Circuit Symbol & No.	KE-1700SDK/WG Part No.	KE-1730B/EW Part No.	KE-1700B/IT Part No.
C165	CKSQYB102K50	·····	·····
C210, 211, 220, 221	·····	CKSQYF473Z50	·····
C212	·····	CCSQRH101J50	·····
C213	·····	CCSQCH180J50	·····
C214	·····	CQPA331G2A	·····
C215	·····	CCSQRH820J50	·····
C217	CCSQRH101J50	CKSQYB223K50	CCSQRH101J50
C219	·····	CCSQSH390J50	·····
C231	CQPA431G2A	·····	CQPA431G2A
C501	·····	CEAR47M50LS2	·····
C701, 709	CKSQYB223K50	·····	·····
C702, 703	CKSQYB391K50	·····	·····
C704, 714	CEA100M16L2	·····	·····
C705	CEA220M16LS	·····	·····
C706, 717	CKSQYB222K50	·····	·····
C707, 713, 724	CEA470M16LS	·····	·····
C708	CCSQSL271J50	·····	·····
C710	CKSQYF473Z50	·····	·····
C711, 722	CKSQYF473Z25	·····	·····
C712	CEA010M50LS2	·····	·····
C715, 716	CQMA102J50	·····	·····
C718	CQMA683J50	·····	·····
C719	CEAR33M50LS2	·····	·····
C720, 721	CQMA473J50	·····	·····
C723	CEA471M16L2	·····	·····
C903	CEA331M16L2	CEA102M16L2	CEA102M16L2
C921	CCSQSL101J50	·····	CCSQSL101J50
C922	CKDYB391K50	·····	CKDYB391K50
C923, 924, 925	CKPYF223Z25L	·····	CKPYF223Z25L
C953	·····	CKSQYF473Z50	CKSQYF473Z50
C957	CEA2R2M50LS2	·····	·····
C958	CEA220M16LS	·····	·····